

Quasar Plus 1044 & 1084

Device Support List

Q2 2004 Rev C

Please consult device specific information at the end of this list.



Stag Programmers Ltd.
1000 North Circular Road,
Staples Corner
London NW2 7JP

Tel +44 (0)20 8208 4050
Fax +44 (0)20 8830 5473

sales@stag.co.uk
support@stag.co.uk
www.stag.co.uk

Device	Package	Pins	1084	1044	Module
ALLIANCE					
29F002B/T	DIP/PLCC	32	Yes	Yes	
29F002B/T	TSOP	40	a	a	(TSOP-40A)
29F040	DIP/PLCC/TSOP	32	Yes	Yes	
29F080	TSOP	40	a	a	(TSOP-40E)
29F080	SOIC	44	a	a	(SO-44A)
29F200B/T	TSOP	48	a	a	(TS-48A)
29F200B/T	SOIC	44	a	a	(SO-44A)
ALTERA					
PLD					
EP1200	DIP/PLCC	40/44	Yes	Yes	
EP1210	DIP/PLCC	40/44	Yes	Yes	
EP1800	PLCC	68	Yes	Y	(AM-1800)
EP1800I	PLCC	68	Yes	Y	(AM-1800)
EP1810	PLCC	68	Yes	Y	(AM-1800)
EP1810	PGA	68	a	.	(a=AM-1800G)
EP1830	PLCC	68	Yes	Y	(AM-1800)
EP1830	PGA	68	a	.	(a=AM-1800G)
EP220	DIP/PLCC/SOIC	20	Yes	Yes	
EP224	DIP/PLCC/SOIC	24/28	Yes	Yes	
EP310,310I	DIP/PLCC/SOIC	20	Yes	Yes	
EP312	DIP/PLCC/SOIC	20	Yes	Yes	
EP320,320I	DIP/PLCC/SOIC	20	Yes	Yes	
EP324	DIP/PLCC/SOIC	20	Yes	Yes	
EP330	DIP/PLCC/SOIC	20	Yes	Yes	
EP600,600I	DIP/PLCC/SOIC	24/28	Yes	Yes	
EP610,610I	DIP/PLCC/SOIC	24/28	Yes	Yes	
EP630	DIP/PLCC/SOIC	24/28	Yes	Yes	
EP900,900I	DIP/PLCC	40/44	Yes	Yes	
EP910,910I	DIP/PLCC	40/44	Yes	Yes	
EPC1PC8	DIP	8	Yes	Yes	
EPC1LC20	PLCC	20	Yes	Yes	
EPC1TC32	QFP	32	Yes	Yes	(PX-32TQ)
EPC2LC20	PLCC	20	Yes	Yes	
EPC2TC32	QFP	32	Yes	Yes	(PX-32TQ)
EPC1064	DIP/PLCC	8/20	Yes	Yes	
EPC1213	DIP/PLCC	8/20	Yes	Yes	
EPC1441PC8	DIP	8	Yes	Yes	
EPC1441LC20	PLCC	20	Yes	Yes	
EPC1441TC32	QFP	32	Yes	Yes	(PX-32TQ)
EPM3032ALC44	PLCC	44	a	a	(a=AJ-44)*
EPM3064ALC44	PLCC	44	a	a	(a=AJ-44)*
EPM3064ATC100	TQFP	100	b	b	(b=AJ-100TQ)*
EPM3128ATC100	TQFP	100	b	b	(b=AJ-100TQ)*
EPM5016	DIP/PLCC	20	Yes	Yes	
EPM5032	DIP/PLCC	28	Yes	Yes	
EPM5064	PLCC	44	Yes	Yes	(AM-MAX44)
EPM5128	PLCC	68	Yes	Y	(AM-MAX68)
EPM5128	PGA	68	a	.	(AM-MAX68G)
EPM5128A	PLCC	68	Yes	Y	(AM-MAX68)
EPM5128A	PGA	68	a	.	(AM-MAX68G)
EPM5130	PLCC	84	Yes	.	(AM-MAX84)
EPM5130	PGA	84	a	.	(AM-MAX84G)

Device	Package	Pins	1084	1044	Module
EPM5192	PLCC	84	Yes	Y	(AM-MAX84)
EPM5192	PGA	84	a	.	(AM-MAX84G)
EPM7032LC44	PLCC	44	Yes	Yes	(AM-MAX44A)
EPM7032QC44	PQFP	44	Yes	Yes	(AM-MAX44Q)
EPM7032TC44	TQFP	44	Yes	Yes	(AM-MAX44TQ)
EPM7032AELC44	PLCC	44	a	a	(a=AJ-44)*
EPM7032SLC44	PLCC	44	Yes	Yes	(AM-MAX44A)
EPM7032STC44	TQFP	44	Yes	Yes	(AM-MAX44TQ)
EPM7032VLC	PLCC	44	Yes	Yes	(AM-MAX44A)
EPM7032VTC44	TQFP	44	Yes	Yes	(AM-MAX44TQ)
EPM7064LC44	PLCC	44	Yes	Yes	(AM-MAX44A)
EPM7064LC68	PLCC	68	Yes	.	(AM-MAX68A)
EPM7064LC84	PLCC	84	Yes	.	(AM-MAX84A)
EPM7064QC100	QFP	100	Y	.	(AM-MX100A)
EPM7064TC44	TQFP	44	Yes	Yes	(AM-MAX44TQ)
EPM7064AELC44	PLCC	44	a	a	(a=AJ-44)*
EPM7064AETC100	TQFP	100	b	b	(b=AJ-100TQ)*
EPM7064SLC44	PLCC	44	Yes	Yes	(AM-MAX44A)
EPM7064SLC84	PLCC	84	Yes	.	(AM-MAX84A)
EPM7064SQC100	QFP	100	Yes	.	(AM-MX100A)
EPM7064STC44	TQFP	44	Yes	Yes	(AM-MAX44TQ)
EPM7064STC100	TQFP	100	Y	.	(AM-MX100TQ)
EPM7096LC68	PLCC	68	Yes	.	(AM-MAX68A)
EPM7096LC84	PLCC	84	Yes	.	(AM-MAX84A)
EPM7096QC100	QFP	100	Y	.	(AM-MX100A)
EPM7128LC84	PLCC	84	Yes	.	(AM-MAX84A)
EPM7128QC100	QFP	100	Y	.	(AM-MX100A)
EPM7128QC160	QFP	160	a	.	(AM-MAX160A)
EPM7128ALC84	PLCC	84	Yes	.	(AM-MAX84A)
EPM7128AQC100	QFP	100	Y	.	(AM-MX100A)
EPM7128ATC100	TQFP	100	Y	.	(AM-MX100TQ)
EPM7128ATC100	TQFP	100	b	b	(b=AJ-100TQ)*
EPM7128AETC100	TQFP	100	b	b	(b=AJ-100TQ)*
EPM7128ELC84	PLCC	84	Yes	.	(AM-MAX84A)
EPM7128EQC100	QFP	100	Y	.	(AM-MX100A)
EPM7128EQC160	QFP	160	a	.	(AM-MAX160A)
EPM7128SLC84	PLCC	84	Yes	.	(AM-MAX84A)
EPM7128SQC100	QFP	100	a	.	(AM-MX100A)
EPM7128SQC160	QFP	160	a	.	(AM-MAX160A)
EPM7128STC100	TQFP	100	Y	.	(AM-MX100TQ)
EPM7160LC84	PLCC	84	Yes	.	(AM-MAX84A)
EPM7160QC160	QFP	160	a	.	(AM-MAX160A)
EPM7160ELC84	PLCC	84	Yes	.	(AM-MAX84A)
EPM7160EQC100	QFP	100	Y	.	(AM-MX100A)
EPM7160EQC160	QFP	160	a	.	(AM-MAX160A)
EPM7192GC160	PGA	160	a	.	(AM-MAX160G)
EPM7192QC160	QFP	160	a	.	(AM-MAX160B)
EPM7192EGC160	PGA	160	a	.	(AM-MAX160G)
EPM7192EQC160	QFP	160	a	.	(AM-MAX160B)
EPM7192SGC160	PGA	160	a	.	(AM-MAX160G)
EPM7192SQC160	QFP	160	a	.	(AM-MAX160B)
EPM7192WGI160	PGA	160	a	.	(AM-MAX160G)
EPM7256ATC100	TQFP	100	b	b	(b=AJ-100TQ)*
EPM7256AETC100	TQFP	100	b	b	(b=AJ-100TQ)*
EPM7256EGC192	PGA	192	a	.	(AM-MAX192G)
EPM7256EQC208	QFP	208	a	.	(AM-MX208Q)
EPM7256ERC208	QFP	208	a	.	(AM-MAX208Q)

Device	Package	Pins	1084	1044	Module
EPM7256SGC192	PGA	192	a	.	(AM-MAX192G)
EPM7256SQC208	QFP	208	a	.	(AM-MX208Q)
EPM9320LC84	PLCC	84	a	a	(AJ-84B)*
EPM9320ALC84	PLCC	84	a	a	(AJ-84B)*
EPS448	DIP/PLCC	28	Yes	Yes	

AMD

PLD

AmPAL16L8	DIP/PLCC	20	Yes	Yes	
AmPAL16L8A	DIP/PLCC	20	Yes	Yes	
AmPAL16L8AL	DIP/PLCC	20	Yes	Yes	
AmPAL16L8B	DIP/PLCC	20	Yes	Yes	
AmPAL16L8L	DIP/PLCC	20	Yes	Yes	
AmPAL16L8Q	DIP/PLCC	20	Yes	Yes	
AmPAL16R4	DIP/PLCC	20	Yes	Yes	
AmPAL16R4A	DIP/PLCC	20	Yes	Yes	
AmPAL16R4AL	DIP/PLCC	20	Yes	Yes	
AmPAL16R4B	DIP/PLCC	20	Yes	Yes	
AmPAL16R4L	DIP/PLCC	20	Yes	Yes	
AmPAL16R6AL	DIP/PLCC	20	Yes	Yes	
AmPAL16R6B	DIP/PLCC	20	Yes	Yes	
AmPAL16R6L	DIP/PLCC	20	Yes	Yes	
AmPAL16R6Q	DIP/PLCC	20	Yes	Yes	
AmPAL16R8	DIP/PLCC	20	Yes	Yes	
AmPAL16R8A	DIP/PLCC	20	Yes	Yes	
AmPAL16R8AL	DIP/PLCC	20	Yes	Yes	
AmPAL16R8B	DIP/PLCC	20	Yes	Yes	
AmPAL16R8L	DIP/PLCC	20	Yes	Yes	
AmPAL16R8Q	DIP/PLCC	20	Yes	Yes	
AmPAL18P8A	DIP/PLCC	20	Yes	Yes	
AmPAL18P8AL	DIP/PLCC	20	Yes	Yes	
AmPAL18P8B	DIP/PLCC	20	Yes	Yes	
AmPAL18P8L	DIP/PLCC	20	Yes	Yes	
AmPAL20L10-20	DIP/PLCC	24/28	Yes	Yes	
AmPAL20L10A	DIP/PLCC	24/28	Yes	Yes	
AmPAL20L10B	DIP/PLCC	24/28	Yes	Yes	
AmPAL20L8A	DIP/PLCC	24/28	Yes	Yes	
AmPAL20L8AL	DIP/PLCC	24/28	Yes	Yes	
AmPAL20L8B	DIP/PLCC	24/28	Yes	Yes	
AmPAL20R4A	DIP/PLCC	24/28	Yes	Yes	
AmPAL20R4AL	DIP/PLCC	24/28	Yes	Yes	
AmPAL20R4B	DIP/PLCC	24/28	Yes	Yes	
AmPAL20R6A	DIP/PLCC	24/28	Yes	Yes	
AmPAL20R6AL	DIP/PLCC	24/28	Yes	Yes	
AmPAL20R6B	DIP/PLCC	24/28	Yes	Yes	
AmPAL20R8A	DIP/PLCC	24/28	Yes	Yes	
AmPAL20R8AL	DIP/PLCC	24/28	Yes	Yes	
AmPAL20R8B	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP10A	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP10AL	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP10B	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP4A	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP4AL	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP4B	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP6A	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP6AL	DIP/PLCC	24/28	Yes	Yes	

Device	Package	Pins	1084	1044	Module
AmPAL20RP6B	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP8A	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP8AL	DIP/PLCC	24/28	Yes	Yes	
AmPAL20RP8B	DIP/PLCC	24/28	Yes	Yes	
AmPAL20XRP10	DIP/PLCC	24/28	Yes	Yes	
AmPAL20XRP4	DIP/PLCC	24/28	Yes	Yes	
AmPAL20XRP6	DIP/PLCC	24/28	Yes	Yes	
AmPAL20XRP8	DIP/PLCC	24/28	Yes	Yes	
AmPAL22P10A	DIP/PLCC	24/28	Yes	Yes	
AmPAL22P10AL	DIP/PLCC	24/28	Yes	Yes	
AmPAL22P10B	DIP/PLCC	24/28	Yes	Yes	
AmPAL22XP10	DIP/PLCC	24/28	Yes	Yes	
AmPAL22V10,V10A	DIP/PLCC	24/28	Yes	Yes	
PAL10H8,H8-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL10L8,L8-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL12H6,H6-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL12L6,L6-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL12L10	DIP/PLCC/SOIC	20	Yes	Yes	
PAL14H4,H4-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL14L4,L4-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL14L8	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16A4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16C1,C1-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16H2,H2-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L2,L2-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8-4	PLCC	28	Yes	Yes	
PAL16L8-5	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8-7	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8A	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8A-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8A-4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8B	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8B-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8B-4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8D	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8D/2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L8H-15	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16P8A	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4-4	PLCC	28	Yes	Yes	
PAL16R4-5	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4-7	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4A	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4A-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4A-4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4B	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4B-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4B-4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4D	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4D/2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R4H-15	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6-4	PLCC	28	Yes	Yes	
PAL16R6-5	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6-7	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6A	DIP/PLCC/SOIC	20	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PAL16R6A-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6A-4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6B	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6B-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6B-4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6D	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6D/2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R6H-15	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8-4	PLCC	28	Yes	Yes	
PAL16R8-5	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8-7	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8A	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8A-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8A-4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8B	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8B-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8B-4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8D	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8D/2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16R8H-15	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16RA8	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16RP4A	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16RP6A	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16RP8A	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L6	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16L6-2	DIP/PLCC/SOIC	20	Yes	Yes	
PAL16X4	DIP/PLCC/SOIC	20	Yes	Yes	
PAL18L4	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20C1	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L8-5	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L8-7	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L8-10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L8-10/2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L8A	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L8A-2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L8B	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L8B-2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20L10A	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R4-5	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R4-7	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R4-10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R4-10/2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R4A	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R4A-2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R4B	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R4B-2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R6-5	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R6-7	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R6-10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R6-10/2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R6A	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R6A-2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R6B	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R6B-2	DIP/PLCC/SOIC	24/28	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PAL20R8-5	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R8-7	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R8-10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R8-10/2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R8A	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R8A-2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R8B	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20R8B-2	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20RA10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20RS4	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20RS8	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20RS10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20S10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20X4	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20X4A	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20X8	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20X8A	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20X10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL20X10A	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL22V10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL22V10-7	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL22V10-10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL22V10-15	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL22V10A	DIP/PLCC/SOIC	24/28	Yes	Yes	
PAL32VX10	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALC16L8Q	DIP/PLCC	24/28	Yes	Yes	
PALC16L8Z	DIP/PLCC	24/28	Yes	Yes	
PALC16R4Z	DIP/PLCC	24/28	Yes	Yes	
PALC16R6Z	DIP/PLCC	24/28	Yes	Yes	
PALC16R8Z	DIP/PLCC	24/28	Yes	Yes	
PALC18U8Q	DIP/PLCC	24/28	Yes	Yes	
PALC20L8Z	DIP/PLCC	24/28	Yes	Yes	
PALC20R4Z	DIP/PLCC	24/28	Yes	Yes	
PALC20R6Z	DIP/PLCC	24/28	Yes	Yes	
PALC20R8Z	DIP/PLCC	24/28	Yes	Yes	
PALC22V10	DIP/PLCC	24/28	Yes	Yes	
PALCE16V8	DIP/PLCC/SOIC	20	Yes	Yes	
PALCE16V8H	DIP/PLCC/SOIC	20	Yes	Yes	
PALCE16V8Q	DIP/PLCC/SOIC	20	Yes	Yes	
PALCE16V8Z	DIP/PLCC/SOIC	20	Yes	Yes	
PALCE16V8 X-pgm'g	DIP/PLCC/SOIC	20	Yes	Yes	
PALCE20RA10H	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALCE20RA10Q	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALCE20V8	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALCE20V8H	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALCE20V8Q	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALCE20V8 X-pgm'g	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALCE22V10H	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALCE22V10Q	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALCE22V10Z	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALCE24V10H	DIP/PLCC/SOIC	28	Yes	Yes	
PALCE26V12H	DIP/PLCC/SOIC	28	Yes	Yes	
PALCE29M16/4	DIP/PLCC/SOIC	28	Yes	Yes	
PALCE29MA16/4	DIP/PLCC/SOIC	28	Yes	Yes	
PALCE610H	DIP/PLCC/SOIC	24/28	Yes	Yes	
PALLV16V8	DIP/PLCC/SOIC	20	Yes	Yes	
PALLV16V8Z	DIP/PLCC/SOIC	20	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PALLV22V10	DIP/PLCC	24/28	Yes	Yes	
PALLV22V10Z	DIP/PLCC	24/28	Yes	Yes	
Serial PROM					
1736	DIP/PLCC	8/20	Yes	Yes	
VCMS1AR	DIP/PLCC	8/20	Yes	Yes	
EPROM					
2716B	DIP/PLCC	24/32	Yes	Yes	
2732A	DIP/PLCC	24/32	Yes	Yes	
2732B	DIP/PLCC	24/32	Yes	Yes	
2764	DIP/PLCC	28/32	Yes	Yes	
2764A	DIP/PLCC	28/32	Yes	Yes	
27C64	DIP/PLCC	28/32	Yes	Yes	
27128	DIP/PLCC	28/32	Yes	Yes	
27128A	DIP/PLCC	28/32	Yes	Yes	
27C128	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27H256	DIP/PLCC	28/32	Yes	Yes	
27512	DIP/PLCC	28/32	Yes	Yes	
27512L	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27C010	DIP/PLCC/TSOP	32	Yes	Yes	
27H010	DIP/PLCC/TSOP	32	Yes	Yes	
27HB010	DIP/PLCC/TSOP	32	Yes	Yes	
27LV010	DIP/PLCC/TSOP	32	Yes	Yes	
27LV010B	DIP/PLCC/TSOP	32	Yes	Yes	
27C020	DIP/PLCC/TSOP	32	Yes	Yes	
27C020B	DIP/PLCC/TSOP	32	Yes	Yes	
27C040	DIP/PLCC/TSOP	32	Yes	Yes	
27C080	DIP/PLCC/TSOP	32	Yes	Yes	
27C100	DIP/PLCC/TSOP	32	Yes	Yes	
27C400	DIP/PLCC	32	Yes	Yes	
27C1024	DIP/PLCC	40/44	Yes	Yes	
27C2048	DIP/PLCC	40/44	Yes	Yes	
27C4096	DIP/PLCC	40/44	Yes	Yes	
PROM					
27C191	DIP/PLCC	24/32	Yes	Yes	
27C291	DIP/PLCC	24/32	Yes	Yes	
27C49	DIP/PLCC	24/32	Yes	Yes	
27LS18	DIP	16	Yes	Yes	
27LS19	DIP	16	Yes	Yes	
27LS191	DIP/PLCC	24/32	Yes	Yes	
27LS291	DIP/PLCC	24/32	Yes	Yes	
27PS185	DIP	18	Yes	Yes	
27PS191	DIP/PLCC	24/32	Yes	Yes	
27PS291	DIP/PLCC	24/32	Yes	Yes	
27PS41	DIP/PLCC	20	Yes	Yes	
27S12	DIP	16	Yes	Yes	
27S13	DIP	16	Yes	Yes	
27S15	DIP/PLCC	24/32	Yes	Yes	
27S18	DIP	16	Yes	Yes	
27S180	DIP/PLCC	24/32	Yes	Yes	
27S181	DIP/PLCC	24/32	Yes	Yes	
27S184	DIP	18	Yes	Yes	

Device	Package	Pins	1084	1044	Module
27S185	DIP	18	Yes	Yes	
27S19	DIP	16	Yes	Yes	
27S190	DIP/PLCC	24/32	Yes	Yes	
27S191	DIP/PLCC	24/32	Yes	Yes	
27S20	DIP	16	Yes	Yes	
27S21	DIP	16	Yes	Yes	
27S23	DIP	16	Yes	Yes	
27S23A	DIP	16	Yes	Yes	
27S25	DIP/PLCC	24/32	Yes	Yes	
27S27	DIP	22	Yes	Yes	
27S28	DIP/PLCC	20	Yes	Yes	
27S280	DIP/PLCC	24/32	Yes	Yes	
27S281	DIP/PLCC	24/32	Yes	Yes	
27S29	DIP/PLCC	20	Yes	Yes	
27S290	DIP/PLCC	24/32	Yes	Yes	
27S291	DIP/PLCC	24/32	Yes	Yes	
27S30	DIP/PLCC	24/32	Yes	Yes	
27S31	DIP/PLCC	24/32	Yes	Yes	
27S32	DIP	16	Yes	Yes	
27S33	DIP	18	Yes	Yes	
27S35	DIP/PLCC	24/32	Yes	Yes	
27S35A	DIP/PLCC	24/32	Yes	Yes	
27S37	DIP/PLCC	24/32	Yes	Yes	
27S37A	DIP/PLCC	24/32	Yes	Yes	
27S40	DIP/PLCC	20	Yes	Yes	
27S41	DIP/PLCC	20	Yes	Yes	
27S43	DIP/PLCC	24/32	Yes	Yes	
27S45	DIP/PLCC	24/32	Yes	Yes	
27S47	DIP/PLCC	24/32	Yes	Yes	
27S49	DIP/PLCC	24/32	Yes	Yes	
27S51	DIP/PLCC	28/32	Yes	Yes	

EEPROM & FLASH

2864AE	DIP/PLCC	28/32	Yes	Yes	
2864BE	DIP/PLCC	28/32	Yes	Yes	
28F010	DIP/PLCC/TSOP	32	Yes	Yes	
28F010A	DIP/PLCC/TSOP	32	Yes	Yes	
28F020	DIP/PLCC/TSOP	32	Yes	Yes	
28F020A	DIP/PLCC/TSOP	32	Yes	Yes	
28F256	DIP/PLCC/TSOP	32	Yes	Yes	
28F256A	DIP/PLCC/TSOP	32	Yes	Yes	
28F512	DIP/PLCC/TSOP	32	Yes	Yes	
28F512A	DIP/PLCC/TSOP	32	Yes	Yes	
29DL162CB/T	TSOP	48	a	a	(a=TS-48A)
29DL162DB/T	TSOP	48	a	a	(a=TS-48A)
29DL163CB/T	TSOP	48	a	a	(a=TS-48A)
29DL163DB/T	TSOP	48	a	a	(a=TS-48A)
29DL164DB/T	TSOP	48	a	a	(a=TS-48A)
29DL316CB/T	TSOP	40	c	c	(c=TSOP-40A)
29DL322DB/T	TSOP	48	a	a	(a=TS-48A)
29DL323CB/T	TSOP	48	a	a	(a=TS-48A)
29DL323DB/T	TSOP	48	a	a	(a=TS-48A)
29DL324DB/T	TSOP	48	a	a	(a=TS-48A)
29DL400BB/T	TSOP	48	a	a	(a=TS-48A)
29DL800B/T	TSOP	48	a	a	(a=TS-48A)
29DL800BB/T	FBGA	48	b	b	(b=FB-48-2)
29DL800BB/T	TSOP	48	a	a	(a=TS-48A)

Device	Package	Pins	1084	1044	Module
29F002B	PLCC/TSOP	32	Yes	Yes	
29F002NB/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F002NBB/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F002T	PLCC/TSOP	32	Yes	Yes	
29F004BB/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F010	DIP/PLCC/TSOP	32	Yes	Yes	
29F010A	DIP/PLCC/TSOP	32	Yes	Yes	
29F010B	DIP/PLCC/TSOP	32	Yes	Yes	
29F016	SO	44	a	a	(a=SO-44A)
29F016	TSOP	40	g	g	(g=TSOP-40E)
29F016	TSOP	48	b	b	(b=TS-48E)
29F016B	SO	44	a	a	(a=SO-44A)
29F016B	TSOP	40	g	g	(g=TSOP-40E)
29F016B	TSOP	48	b	b	(b=TS-48E)
29F016D	SO	44	a	a	(a=SO-44A)
29F016D	TSOP	40	g	g	(g=TSOP-40E)
29F016D	TSOP	48	b	b	(b=TS-48E)
29F032B	SO	44	a	a	(a=SO-44A)
29F032B	TSOP	40	g	g	(g=TSOP-40E)
29F040	DIP/PLCC/TSOP	32	Yes	Yes	(TSOP=TSOP-32E)
29F040B	DIP/PLCC/TSOP	32	Yes	Yes	(TSOP=TSOP-32E)
29F080	SO	44	a	a	(a=SO-44A)
29F080	TSOP	40	g	g	(g=TSOP-40E)
29F080B	SO	44	a	a	(a=SO-44A)
29F080B	TSOP	40	g	g	(g=TSOP-40E)
29F100B/T	SO	44	a	a	(a=SO-44A)
29F100B/T	TSOP	48	c	c	(c=TS-48A)
29F100AB/T	SO	44	a	a	(a=SO-44A)
29F100AB/T	TSOP	48	c	c	(c=TS-48A)
29F160DB/T	TSOP	48	c	c	(c=TS-48A)
29F200B/T	SO	44	a	a	(a=SO-44A)
29F200B/T	TSOP	48	c	c	(c=TS-48A)
29F200AB/T	SO	44	a	a	(a=SO-44A)
29F200AB/T	TSOP	48	c	c	(c=TS-48A)
29F400B/T	SO	44	a	a	(a=SO-44A)
29F400B/T	TSOP	48	c	c	(c=TS-48A)
29F400AB/T	SO	44	a	a	(a=SO-44A)
29F400AB/T	TSOP	48	c	c	(c=TS-48A)
29F400BB/T	SO	44	a	a	(a=SO-44A)
29F400BB/T	TSOP	48	c	c	(c=TS-48A)
29F800B/T	SO	44	a	a	(a=SO-44A)
29F800B/T	TSOP	48	c	c	(c=TS-48A)
29F800AB/T	SO	44	a	a	(a=SO-44A)
29F800AB/T	TSOP	48	c	c	(c=TS-48A)
29F800BB/T	SO	44	a	a	(a=SO-44A)
29F800BB/T	TSOP	48	c	c	(c=TS-48A)
29LV001BB/T	DIP/PLCC/TSOP	32	Yes	Yes	
29LV002B/T	TSOP	40	d	d	(d=TSOP-40A)
29LV002BB/T	TSOP	40	d	d	(d=TSOP-40A)
29LV004B/T	TSOP	40	d	d	(d=TSOP-40A)
29LV004BB/T	TSOP	40	d	d	(d=TSOP-40A)
29LV008B/T	TSOP	40	d	d	(d=TSOP-40A)
29LV008BB/T	TSOP	40	d	d	(d=TSOP-40A)
29LV010B	DIP/PLCC/TSOP	32	Yes	Yes	
29LV017B	TSOP	40	d	d	(d=TSOP-40A)
29LV017D	TSOP	40	d	d	(d=TSOP-40A)
29LV017D	FBGA	48	h	h	(h=FB-48-3)

Device	Package	Pins	1084	1044	Module
29LV033C	TSOP	40	d	d	(d=TSOP-40A)
29LV033C	FBGA	63	e	e	(e=FB-63-1)
29LV040B	DIP/PLCC/TSOP	32	Yes	Yes	
29LV081	TSOP	40	d	d	(d=TSOP-40A)
29LV081B	TSOP	40	d	d	(d=TSOP-40A)
29LV116BB/T	TSOP	40	d	d	(d=TSOP-40A)
29LV116DB/T	TSOP	40	d	d	(d=TSOP-40A)
29LV160BB/T	FBGA	48	h	h	(h=FB-48-3)
29LV160BB/T	SO	44	a	a	(a=SO-44A)
29LV160BB/T	TSOP	48	c	c	(c=TS-48A)
29LV160DB/T	FBGA	48	h	h	(h=FB-48-3)
29LV160DB/T	SO	44	a	a	(a=SO-44A)
29LV160DB/T	TSOP	48	c	c	(c=TS-48A)
29LV162DB/T	SO	44	a	a	(a=SO-44A)
29LV162DB/T	TSOP	48	c	c	(c=TS-48A)
29LV200B/T	SO	44	a	a	(a=SO-44A)
29LV200B/T	TSOP	48	c	c	(c=TS-48A)
29LV200BB/T	SO	44	a	a	(a=SO-44A)
29LV200BB/T	TSOP	48	c	c	(c=TS-48A)
29LV400B/T	FBGA	48	f	f	(f=FB-48-1)
29LV400B/T	SO	44	a	a	(a=SO-44A)
29LV400B/T	TSOP	48	c	c	(c=TS-48A)
29LV400BB/T	SO	44	a	a	(a=SO-44A)
29LV400BB/T	TSOP	48	c	c	(c=TS-48A)
29LV800B/T	SO	44	a	a	(a=SO-44A)
29LV800B/T	TSOP	48	c	c	(c=TS-48A)
29LV800BB/T	FBGA	48	b	b	(b=FB-48-2)
29LV800BB/T	SO	44	a	a	(a=SO-44A)
29LV800BB/T	TSOP	48	c	c	(c=TS-48A)
29SL160CB/T	TSOP	48	c	c	(c=TS-48A)
29SL800BB/T	TSOP	48	c	c	(c=TS-48A)
29SL800BB/T	FBGA	48	b	b	(b=FB-48-2)
29SL800CB/T	TSOP	48	c	c	(c=TS-48A)
29SL800CB/T	FBGA	48	b	b	(b=FB-48-2)

MICRO

8751H	DIP/PLCC	40/44	Yes	Yes	
8753H	DIP/PLCC	40/44	Yes	Yes	
87C51	DIP/PLCC	40/44	Yes	Yes	
87C52T2	DIP/PLCC	40/44	Yes	Yes	
87C521	DIP/PLCC	40/44	Yes	Yes	
87C541	DIP/PLCC	40/44	Yes	Yes	

APTOS**EPROM**

27C010	DIP/PLCC	32	Yes	Yes	
27HC010	DIP/PLCC	32	Yes	Yes	

ATMEL**PLD**

AT22LV10	DIP/PLCC	24/28	Yes	Yes	
AT22LV10L	DIP/PLCC	24/28	Yes	Yes	
AT22V10	DIP/PLCC	24/28	Yes	Yes	
AT22V10B	DIP/PLCC	24/28	Yes	Yes	

Device	Package	Pins	1084	1044	Module
AT22V10L	DIP/PLCC	24/28	Yes	Yes	
ATF1500	PLCC	44	Yes	Yes	
ATF1500	TQFP	44	Yes	Yes	(PX-44TQ)
ATF1500A	PLCC	44	Yes	Yes	
ATF1500A	TQFP	44	Yes	Yes	(PX-44TQ)
ATF1500AL	PLCC	44	Yes	Yes	
ATF1500AL	TQFP	44	Yes	Yes	(PX-44TQ)
ATF16LV8C	DIP/PLCC/SOIC/TSSOP	20	Yes	Yes	
ATF16V8B/L/Q	DIP/PLCC/SOIC/TSSOP	20	Yes	Yes	
ATF16V8C/CZ/CEXT	DIP/PLCC/SOIC/TSSOP	20	Yes	Yes	
ATF20V8B/L/Q	DIP/SOIC/PLCC	24/28	Yes	Yes	
ATF22LV10C/CZ	DIP/SOIC/PLCC	24/28	Yes	Yes	
ATF22V10B/BQ/BQL	DIP/SOIC/PLCC	24/28	Yes	Yes	
ATF22V10C/CZ	DIP/SOIC/PLCC	24/28	Yes	Yes	
ATF750C	DIP/PLCC	24/28	Yes	Yes	
ATF750C(V750)	DIP/PLCC	24/28	Yes	Yes	
ATF750C(V750B)	DIP/PLCC	24/28	Yes	Yes	
ATF750CL	DIP/PLCC	24/28	Yes	Yes	
ATF750CL(V750)	DIP/PLCC	24/28	Yes	Yes	
ATF750CL(V750B)	DIP/PLCC	24/28	Yes	Yes	
ATF750LVC	DIP/PLCC	24/28	Yes	Yes	
ATF750LVC(V750)	DIP/PLCC	24/28	Yes	Yes	
ATF750LVC(V750B)	DIP/PLCC	24/28	Yes	Yes	
ATF750LVCL(V750)	DIP/PLCC	24/28	Yes	Yes	
ATF750LVCL	DIP/PLCC	24/28	Yes	Yes	
ATF750LVCL(V750B)	DIP/PLCC	24/28	Yes	Yes	
ATV2500	DIP/PLCC	40/44	Yes	Yes	
ATV2500B/BL	DIP/PLCC	40/44	Yes	Yes	
ATV2500BQ/BQL	DIP/PLCC	40/44	Yes	Yes	
ATV2500BV	DIP/PLCC	40/44	Yes	Yes	
ATV2500BVL	DIP/PLCC	40/44	Yes	Yes	
ATV2500H	DIP/PLCC	40/44	Yes	Yes	
ATV2500L	DIP/PLCC	40/44	Yes	Yes	
ATV5000	PLCC	68	Yes	Y	(AM-5000)
ATV5100	PLCC	68	Yes	Y	(AM-5000)
ATV5000	PGA	68	a	a	(AM-5000G)
ATV5100	PGA	68	a	a	(AM-5000G)
ATV750/L	DIP/PLCC	24/28	Yes	Yes	
ATV750B/BL	DIP/PLCC	24/28	Yes	Yes	

MEMORIES

17C65	DIP/PLCC	8/20	Yes	Yes	
17C65-N	SOIC	8	Yes	Yes	(SO-8B)
17C65-S	SOIC	20	Yes	Yes	(SO-28A)
17C65A	PLCC	20	Yes	Yes	
17C010	DIP/PLCC	8/20	Yes	Yes	
17C010A	PLCC	20	Yes	Yes	
17C020	PLCC	20	Yes	Yes	
17C020A	PLCC	20	Yes	Yes	
17C128	DIP/PLCC	8/20	Yes	Yes	
17C128-N	SOIC	8	Yes	Yes	(SO-8B)
17C128-S	SOIC	20	Yes	Yes	(SO-28A)
17C128A	PLCC	20	Yes	Yes	
17C256	DIP/PLCC	8/20	Yes	Yes	
17C256-N	SOIC	8	Yes	Yes	(SO-8B)
17C256-S	SOIC	20	Yes	Yes	(SO-28A)
17C256A	PLCC	20	Yes	Yes	

Device	Package	Pins	1084	1044	Module
17C512	DIP/PLCC	8/20	Yes	Yes	
17C512A	PLCC	20	Yes	Yes	
17LV65	DIP/PLCC	8/20	Yes	Yes	
17LV65-N	SOIC	8	Yes	Yes	(SO-8B)
17LV65-S	SOIC	20	Yes	Yes	(SO-28A)
17LV65A	PLCC	20	Yes	Yes	
17LV010	DIP/PLCC	8/20	Yes	Yes	
17LV010A	PLCC	20	Yes	Yes	
17LV020	DIP/PLCC	8/20	Yes	Yes	
17LV020A	PLCC	20	Yes	Yes	
17LV128	DIP/PLCC	8/20	Yes	Yes	
17LV128-N	SOIC	8	Yes	Yes	(SO-8B)
17LV128-S	SOIC	20	Yes	Yes	(SO-28A)
17LV128A	PLCC	20	Yes	Yes	
17LV256	DIP/PLCC	8/20	Yes	Yes	
17LV256-N	SOIC	8	Yes	Yes	(SO-8B)
17LV256-S	SOIC	20	Yes	Yes	(SO-28A)
17LV256A	PLCC	20	Yes	Yes	
17LV512	DIP/PLCC	8/20	Yes	Yes	
17LV512A	PLCC	20	Yes	Yes	
24C01	DIP/SOIC/TSSOP	8	Yes	Yes	
24C01A	DIP/SOIC/TSSOP	8	Yes	Yes	
24C02	DIP/SOIC/TSSOP	8	Yes	Yes	
24C04	DIP/SOIC/TSSOP	8	Yes	Yes	
24C08	DIP/SOIC/TSSOP	8	Yes	Yes	
24C16	DIP/SOIC/TSSOP	8	Yes	Yes	
24C32	DIP/SOIC/TSSOP	8	Yes	Yes	
24C32	SOIC	14	b	b	(b=SO-16B)
24C64	DIP/SOIC	8	Yes	Yes	
24C64	SOIC	14	b	b	(b=SO-16B)
24C128	DIP/SOIC	8	Yes	Yes	
24C128	LAP(8C1)	8	c	c	(c=AM-LAP8)
24C128	TSSOP	14	Yes	Yes	
24C164	DIP/SOIC	8	Yes	Yes	
24C256	DIP/SOIC	8	Yes	Yes	
24C256	LAP(8C1)	8	c	c	(c=AM-LAP8)
24C256	TSSOP	14	Yes	Yes	
24C512	DIP	8	Yes	Yes	
24C512	LAP(8C1)	8	c	c	(c=AM-LAP8)
24C512	SOIC	20	Yes	Yes	(SO-28A)
25010	DIP/SOIC	8	Yes	Yes	(SOIC=SO-8B)
25020	DIP/SOIC	8	Yes	Yes	(SOIC=SO-8B)
25040	DIP/SOIC	8	Yes	Yes	
25080	DIP	8	Yes	Yes	
25080N	SOIC	8	Yes	Yes	(SO-8B)
25080T1	TSSOP	14	Yes	Yes	(TSS-20)
25128	DIP	8	Yes	Yes	
25128	SOIC	16	Yes	Yes	(SO-16B)
25128N	SOIC	8	Yes	Yes	(SO-8B)
25128W	SOIC	8	Yes	Yes	(SO-8C)
25128T1	TSSOP	14	Yes	Yes	(TSS-20)
25160	DIP	8	Yes	Yes	
25160	SOIC	8	Yes	Yes	(SO-8B)
25160	TSSOP	14	Yes	Yes	(TSS-20)
25256	DIP	8	Yes	Yes	
25256	SOIC	16	Yes	Yes	(SO-16B)
25256N	SOIC	8	Yes	Yes	(SO-8B)

Device	Package	Pins	1084	1044	Module
25256W	SOIC	8	Yes	Yes	(SO-8C)
25256T1	TSSOP	14	Yes	Yes	(TSS-20)
25320	DIP	8	Yes	Yes	
25320	SOIC	8	Yes	Yes	(SO-8B)
25320	TSSOP	14	Yes	Yes	(TSS-20)
25640	DIP	8	Yes	Yes	
25640	SOIC	8	Yes	Yes	(SO-8B)
25640	TSSOP	14	Yes	Yes	(TSS-20)
25HP256	DIP	8	Yes	Yes	
25HP256	SOIC	8	Yes	Yes	(SO-8B)
25HP256	SOIC	16	Yes	Yes	(SO-28A)
25HP512	DIP	8	Yes	Yes	
25HP512	SOIC	8	Yes	Yes	(SO-8B)
25HP512	SOIC	16	Yes	Yes	(SO-28A)
25P1024	SOIC	20	Yes	Yes	(SO-28A)
27BV010	DIP/PLCC/TSOP	32	Yes	Yes	
27BV020	DIP/PLCC/TSOP	32	Yes	Yes	
27BV040	DIP/PLCC/TSOP	32	Yes	Yes	
27BV1024	DIP/PLCC	40/44	Yes	Yes	
27BV1024	VSOP	40	b	b	(b=TS-40CC)
27BV256	DIP/PLCC	28/32	Yes	Yes	
27BV256	SOIC	28	a	a	(a=SO-28B)
27BV256	TSOP	28	c	c	(c=TSOP-28C)
27BV512	DIP/PLCC	28/32	Yes	Yes	
27BV512	SOIC	28	a	a	(a=SO-28B)
27BV512	TSOP	28	c	c	(c=TSOP-28C)
27BV4096	DIP/PLCC	40/44	Yes	Yes	
27BV4096	TSOP	40	b	b	(b=TS-40CC)
27C010	DIP/PLCC/TSOP	32	Yes	Yes	
27C010A	DIP/PLCC/TSOP	32	Yes	Yes	
27C010L	DIP/PLCC/TSOP	32	Yes	Yes	
27C011	DIP/PLCC/TSOP	32	Yes	Yes	
27C020	DIP/PLCC/TSOP	32	Yes	Yes	
27C040	DIP/PLCC/TSOP	32	Yes	Yes	
27C080	DIP/PLCC/TSOP	32	Yes	Yes	
27C1024	DIP/PLCC	40/44	Yes	Yes	
27C1024	VSOP	40	b	b	(b=TS-40CC)
27C2048	DIP/PLCC	40/44	Yes	Yes	
27C2048	VSOP	40	b	b	(b=TS-40CC)
27C256,27C256A	DIP/PLCC	28/32	Yes	Yes	
27C256,27C256A	TSOP	28	a	a	(a=TSOP-28C)
27C256R	DIP/PLCC	28/32	Yes	Yes	
27C4096	DIP/PLCC	40/44	Yes	Yes	
27C4096	VSOP	40	b	b	(b=TS-40CC)
27C512,27C512R	DIP/PLCC	28/32	Yes	Yes	
27C512,27C512R	TSOP	28	a	a	(a=TSOP-28C)
27C513R	DIP/PLCC	28/32	Yes	Yes	
27C516	PLCC	44	Yes	Yes	
27C520	SOIC	20	d	d	(d=SO-28A)
27C520	TSSOP	20	e	e	(e=TSS-20)
27HC1024	DIP/PLCC	40/44	Yes	Yes	
27HC256	DIP/PLCC	28/32	Yes	Yes	
27HC256R	DIP/PLCC	28/32	Yes	Yes	
27HC64	DIP/PLCC	28/32	Yes	Yes	
27LV010	DIP/PLCC/TSOP	32	Yes	Yes	
27LV010A	DIP/PLCC/TSOP	32	Yes	Yes	
27LV020	DIP/PLCC/TSOP	32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
27LV020A	DIP/PLCC/TSOP	32	Yes	Yes	
27LV040	DIP/PLCC/TSOP	32	Yes	Yes	
27LV040A	DIP/PLCC/TSOP	32	Yes	Yes	
27LV1024	DIP/PLCC	40/44	Yes	Yes	
27LV1026	PLCC	44	Yes	Yes	
27LV1026	VSOP	40	b	b	(b=TS-40CC)
27LV256A	DIP/PLCC/TSOP	28/32	Yes	Yes	
27LV256R	DIP/PLCC	28/32	Yes	Yes	
27LV512A	DIP/PLCC	28/32	Yes	Yes	
27LV512R	DIP/PLCC	28/32	Yes	Yes	
27LV520	SOIC	20	d	d	(d=SO-28A)
27LV520	TSSOP	20	e	e	(e=TSS-20)
28BV16	DIP/TSOP	24/28	Yes	Yes	
28BV64	DIP	28	Yes	Yes	
28BV64	TSOP	28	a	a	(a=TSOP-28C)
28C010	DIP/PLCC/TSOP	32	Yes	Yes	
28C04	DIP/PLCC	28/32	Yes	Yes	
28C040	DIP/PLCC	32	Yes	Yes	
28C16	DIP/PLCC	24/32	Yes	Yes	
28C16-T	TSOP	28	Yes	Yes	
28C17	DIP/PLCC	28/32	Yes	Yes	
28C256	DIP/PLCC/TSOP	28/32	Yes	Yes	
28C64	DIP/PLCC/TSOP	28/32	Yes	Yes	
28C64B	DIP/PLCC/TSOP	28/32	Yes	Yes	
28HC16	DIP/PLCC	28/32	Yes	Yes	
28HC16L	DIP/PLCC	28/32	Yes	Yes	
28HC256	DIP/PLCC/TSOP	28/32	Yes	Yes	
28HC256L	DIP/PLCC/TSOP	28/32	Yes	Yes	
28HC64	DIP/PLCC	28/32	Yes	Yes	
28HC64B	DIP/PLCC/TSOP	28/32	Yes	Yes	
28HC64L	DIP/PLCC/TSOP	28/32	Yes	Yes	
28LV010	DIP/PLCC/TSOP	32	Yes	Yes	
28LV256	DIP/PLCC/TSOP	28/32	Yes	Yes	
28LV64	DIP/PLCC/TSOP	28/32	Yes	Yes	
28PC64	DIP/PLCC	28/32	Yes	Yes	
29BV010A	PLCC/TSOP	32	Yes	Yes	
29BV020	PLCC/TSOP	32	Yes	Yes	
29BV040A	TSOP	32	Yes	Yes	
29C256	DIP/PLCC	28/32	Yes	Yes	
29C257	DIP/PLCC/TSOP	32	Yes	Yes	
29C512	DIP/PLCC/TSOP	32	Yes	Yes	
29C010	DIP/PLCC/TSOP	32	Yes	Yes	
29C010A	DIP/PLCC/TSOP	32	Yes	Yes	
29C020	DIP/PLCC/TSOP	32	Yes	Yes	
29C040	DIP/PLCC/TSOP	32	Yes	Yes	
29C040A	DIP/PLCC/TSOP	32	Yes	Yes	
29C1024	DIP/PLCC	40/44	Yes	Yes	
29C1024	TSOP	48	d	d	(d=TS-48C)
29LV256	DIP/PLCC/TSOP	32	Yes	Yes	
29LV512	DIP/PLCC/TSOP	32	Yes	Yes	
29LV010	DIP/PLCC/TSOP	32	Yes	Yes	
29LV010A	DIP/PLCC/TSOP	32	Yes	Yes	
29LV020	DIP/PLCC/TSOP	32	Yes	Yes	
29LV040	DIP/PLCC/TSOP	32	Yes	Yes	
29LV040A	DIP/PLCC/TSOP	32	Yes	Yes	
29LV1024	PLCC	44	Yes	Yes	
29LV1024	TSOP	48	d	d	(d=TS-48C)

Device	Package	Pins	1084	1044	Module
32C16	DIP/PLCC	40/44	Yes	Yes	
45D011J	PLCC	32	Yes	Yes	
45D011S	SOIC	8	d	d	(d=SO-8C)
45D011X	TSSOP	14	f	f	(f=TSS-20)
45D021J	PLCC	32	Yes	Yes	
45D021R	SOIC	28	a	a	(a=SO-28B)
45D021T	TSOP	28	b	b	(b=TSOP-28C)
45D041J	PLCC	32	Yes	Yes	
45D041R	SOIC	28	a	a	(a=SO-28B)
45D041T	TSOP	28	b	b	(b=TSOP-28C)
45D081R	SOIC	28	a	a	(a=SO-28B)
45D081T	TSOP	32	c	c	(c=TSOP-32E)
45DB011J	PLCC	32	Yes	Yes	
45DB011S	SOIC	8	d	d	(d=SO-8C)
45DB011X	TSSOP	14	f	f	(f=TSS-20)
45DB021J	PLCC	32	Yes	Yes	
45DB021R	SOIC	28	a	a	(a=SO-28B)
45DB021T	TSOP	28	b	b	(b=TSOP-28C)
45DB041J	PLCC	32	Yes	Yes	
45DB081AJ	PLCC	32	Yes	Yes	
45DB081AR	SOIC	28	a	a	(a=SO-28B)
45DB08AAT	TSOP	28	b	b	(b=TSOP-28C)
45DB041R	SOIC	28	a	a	(a=SO-28B)
45DB041T	TSOP	28	b	b	(b=TSOP-28C)
45DB081R	SOIC	28	a	a	(a=SO-28B)
45DB081T	TSOP	32	c	c	(c=TSOP-32E)
49BV001/N/T/NT	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49BV002/N	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49BV002NT	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49BV002T	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49BV010	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49BV020	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49BV040	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49BV080	TSOP	40	e	e	(e=TS-40E)
49BV080	PSOP	44	b	b	(b=SO-44A)
49BV1024	TSOP	40	c	c	(c=TS-40CC)
49BV1614	TSOP	48	a	a	(a=TS-48A)
49BV1614T	TSOP	48	a	a	(a=TS-48A)
49BV2048/2048A-T	TSOP	48	a	a	(a=TS-48A)
49BV4096-T	TSOP	48	a	a	(a=TS-48A)
49BV4096A	TSOP	48	a	a	(a=TS-48A)
49BV4096A	PSOP	44	b	b	(b=SO-44A)
49BV512	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49BV8011	TSOP	48	a	a	(a=TS-48A)
49BV8011	CBGA	48	d	d	(d=FB-48-3)
49BV8011T	TSOP	48	a	a	(a=TS-48A)
49BV8011T	CBGA	48	d	d	(d=FB-48-3)
49BV8192-T	TSOP	48	a	a	(a=TS-48A)
49BV8192T-T	TSOP	48	a	a	(a=TS-48A)
49F001/N/T/NT	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49F002NT	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49F002T	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49F010	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49F020	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49F040	DIP/PLCC/TSOP/VSOP	32	Yes	Yes	
49F080	TSOP	40	e	e	(e=TS-40E)
49F080	PSOP	44	b	b	(b=SO-44A)

Device	Package	Pins	1084	1044	Module
49F1024	TSOP	40	c	c	(c=TS-40CC)
49F1025	PLCC	44	Yes	Yes	
49F1614	TSOP	48	a	a	(a=TS-48A)
49F1614T	TSOP	48	a	a	(a=TS-48A)
49F2048-T	TSOP	48	a	a	(a=TS-48A)
49F2048-SO	PSOP	44	b	b	(b=SO-44A)
49F4096-T	TSOP	48	a	a	(a=TS-48A)
49F4096-SO	PSOP	44	b	b	(b=SO-44A)
49F4096A	TSOP	48	a	a	(a=TS-48A)
49F4096A	PSOP	44	b	b	(b=SO-44A)
49F512	DIP/PLCC/TSOP/V SOP	32	Yes	Yes	
49F8011	TSOP	48	a	a	(a=TS-48A)
49F8011	CBGA	48	d	d	(d=FB-48-3)
49F8011T	TSOP	48	a	a	(a=TS-48A)
49F8011T	CBGA	48	d	d	(d=FB-48-3)
49F8192-T	TSOP	48	a	a	(a=TS-48A)
49F8192-SO	PSOP	44	b	b	(b=SO-44A)
49F8192T-T	TSOP	48	a	a	(a=TS-48A)
49F8192T-SO	PSOP	44	b	b	(b=SO-44A)
49HBV010	DIP/PLCC/TSOP/V SOP	32	Yes	Yes	
49HLV010	DIP/PLCC/TSOP/V SOP	32	Yes	Yes	
49LV001/N/T/NT	DIP/PLCC/TSOP/V SOP	32	Yes	Yes	
49LV002/N/T/NT	DIP/PLCC/TSOP/V SOP	32	Yes	Yes	
49LV010	DIP/PLCC/TSOP/V SOP	32	Yes	Yes	
49LV020	DIP/PLCC/TSOP/V SOP	32	Yes	Yes	
49LV040	DIP/PLCC/TSOP/V SOP	32	Yes	Yes	
49LV2048-T	TSOP	48	a	a	(a=TS-48A)
49LV2048-SO	PSOP	44	b	b	(b=SO-44A)
49LV4096-T	TSOP	48	a	a	(a=TS-48A)
49LV4096-SO	PSOP	44	b	b	(b=SO-44A)
49LV8011	TSOP	48	a	a	(a=TS-48A)
49LV8011	CBGA	48	d	d	(d=FB-48-3)
49LV8011T	TSOP	48	a	a	(a=TS-48A)
49LV8011T	CBGA	48	d	d	(d=FB-48-3)
49LV8192-T	TSOP	48	a	a	(a=TS-48A)
49LV8192-SO	PSOP	44	b	b	(b=SO-44A)
49LV8192T-T	TSOP	48	a	a	(a=TS-48A)
49LV8192T-SO	PSOP	44	b	b	(b=SO-44A)
59C11	DIP/SOIC	8	Yes	Yes	
59C13	DIP/SOIC	8	Yes	Yes	
59C22	DIP/SOIC	8	Yes	Yes	
93C46/A/C	DIP/SOIC/TSSOP	8	Yes	Yes	
93C56	DIP/SOIC/TSSOP	8	Yes	Yes	
93C66	DIP/SOIC/TSSOP	8	Yes	Yes	
93C86	DIP/SOIC/TSSOP	8	Yes	Yes	
MICRO					
AT87F51	DIP/PLCC/QFP	40/44	Yes	Yes	
AT87F51RC	DIP/PLCC/TQFP	40/44	Yes	Yes	
AT87F52	DIP/PLCC/QFP	40/44	Yes	Yes	
AT87F55	DIP/PLCC/TQFP	40/44	Yes	Yes	
AT87F55WD	DIP/PLCC/TQFP	40/44	Yes	Yes	
AT87LV52	DIP/PLCC/TQFP	40/44	Yes	Yes	
AT89C1051	DIP/SOIC	20	Yes	Yes	
AT89C2051	DIP/SOIC	20	Yes	Yes	
AT89C4051	DIP/SOIC	20	Yes	Yes	
AT89C51	DIP/PLCC/QFP	40/44	Yes	Yes	

Device	Package	Pins	1084	1044	Module
AT89C52	DIP/PLCC/QFP	40/44	Yes	Yes	
AT89C55	DIP/PLCC/QFP	40/44	Yes	Yes	
AT89C55WD	DIP/PLCC/TQFP	40/44	Yes	Yes	
AT89LS8252	DIP/PLCC/QFP	40/44	Yes	Yes	
AT89LV51	DIP/PLCC/QFP	40/44	Yes	Yes	
AT89LV52	DIP/PLCC/QFP	40/44	Yes	Yes	
AT89S53	DIP/PLCC	40/44	Yes	Yes	
AT89S8252	DIP/PLCC/TQFP	40/44	Yes	Yes	
AT90LS4434	DIP/PLCC/TQFP	40/44	Yes*	Yes*	(*PLCC=UA-44/UPA TQFP=UA-44TQ)
AT90LS8535	DIP/PLCC/TQFP	40/44	Yes*	Yes*	
AT90S1200	DIP/SOIC	20	Yes	Yes	
AT90S2313	DIP/SOIC	20	Yes	Yes	
AT90S2333	DIP	28	Yes	Yes	
AT90S2333-AC	TQFP	32	a	a	(a=PX-32TQ)
AT90S4414	DIP/PLCC/TQFP	40/44	Yes	Yes	
AT90S4433	DIP	28	Yes	Yes	
AT90S4433-AC	TQFP	32	a	a	(a=PX-32TQ)
AT90S4434	DIP/PLCC/TQFP	40/44	Yes*	Yes*	(*PLCC=UA-44/UPA TQFP=UA-44TQ)
AT90S8515	DIP/PLCC/TQFP	40/44	Yes	Yes	
AT90S8535	DIP/PLCC/TQFP	40/44	Yes*	Yes*	

AT&T

1736	DIP/PLCC	8/20	Yes	Yes	
1736F	DIP/PLCC	8/20	Yes	Yes	
1765	DIP/PLCC	8/20	Yes	Yes	
1765A	DIP/PLCC	8/20	Yes	Yes	
1765F	DIP/PLCC	8/20	Yes	Yes	
17128	DIP/PLCC	8/20	Yes	Yes	
17128A	DIP/PLCC	8/20	Yes	Yes	
17128F	DIP/PLCC	8/20	Yes	Yes	
17C256	DIP/PLCC	8/20	Yes	Yes	

BRIGHT

29F040	DIP/PLCC/TSOP	32	Yes	Yes	
29F400B/T	TSOP	48	a	a	(a=TS-48A)
29F400B/T	PSOP	44	b	b	(b=SO-44A)

CATALYST

22C10	DIP	18	Yes	Yes	
22C12	DIP	18	Yes	Yes	
24C02	DIP/SOIC	8	Yes	Yes	
24C02A	DIP/SOIC	8	Yes	Yes	
24C04	DIP/SOIC	8	Yes	Yes	
24C08	DIP/SOIC	8	Yes	Yes	
24C16	DIP/SOIC	8	Yes	Yes	
24C32	DIP/SOIC	8	Yes	Yes	
24LC02	DIP/SOIC	8	Yes	Yes	
24LC02A	DIP/SOIC	8	Yes	Yes	
24LC08	DIP/SOIC	8	Yes	Yes	
24LC16	DIP/SOIC	8	Yes	Yes	
24LC32	DIP/SOIC	8	Yes	Yes	
24WC02	DIP/SOIC	8	Yes	Yes	
24WC04	DIP/SOIC	8	Yes	Yes	
24WC08	DIP/SOIC	8	Yes	Yes	
24WC128	DIP/SOIC	8	Yes	Yes	
24WC16	DIP/SOIC	8	Yes	Yes	

Device	Package	Pins	1084	1044	Module
24WC256	DIP/SOIC	8	Yes	Yes	
24WC32	DIP/SOIC	8	Yes	Yes	
24WC64	DIP/SOIC	8	Yes	Yes	
27010	DIP/PLCC	32	Yes	Yes	
27128A	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27HC256	DIP/PLCC	28/32	Yes	Yes	
27512	DIP/PLCC	28/32	Yes	Yes	
2764A	DIP/PLCC	28/32	Yes	Yes	
27C210	DIP/PLCC	40/44	Yes	Yes	
28C16A	DIP/PLCC	28/32	Yes	Yes	
28C17A	DIP/PLCC	28/32	Yes	Yes	
28C64A	DIP/PLCC	28/32	Yes	Yes	
28C64B	DIP/PLCC	28/32	Yes	Yes	
28C65A	DIP/PLCC	28/32	Yes	Yes	
28C65B	DIP/PLCC	28/32	Yes	Yes	
28C256	DIP/PLCC	28/32	Yes	Yes	
28C512	DIP/PLCC	28/32	Yes	Yes	
28F001N	PLCC	32	Yes	Yes	
28F001P	DIP	32	Yes	Yes	
28F001T	TSOP	32	Yes	Yes	(TSOP-32E)
28F002T	TSOP	40	a	a	(TSOP-40A)
28F010	DIP/PLCC/TSOP	32	Yes	Yes	
28F020	DIP/PLCC/TSOP	32	Yes	Yes	
28F102	DIP/PLCC	40/44	Yes	Yes	
28F512	DIP/PLCC/TSOP	32	Yes	Yes	
29F002x-xxB	DIP/PLCC/TSOP	32	Yes	Yes	
29F002x-xxT	DIP/PLCC/TSOP	32	Yes	Yes	
29FN002x-xxB	DIP/PLCC/TSOP	32	Yes	Yes	
29FN002x-xxT	DIP/PLCC/TSOP	32	Yes	Yes	
35C102	DIP/SOIC	8	Yes	Yes	
35C104	DIP/SOIC	8	Yes	Yes	
35C108	DIP/SOIC	8	Yes	Yes	
35C116	DIP/SOIC	8	Yes	Yes	
59C11	DIP/SOIC	8	Yes	Yes	
93C46	DIP/SOIC	8	Yes	Yes	
93C46A	DIP/SOIC	8	Yes	Yes	

CYPRESS

MEMORIES

CY27C010	DIP/PLCC/TSOP	32	Yes	Yes	
CY27C128	DIP/PLCC	28/32	Yes	Yes	
CY27C256	DIP/PLCC	28/32	Yes	Yes	
CY27C256A	DIP/PLCC	28/32	Yes	Yes	
CY27C512	DIP/PLCC	28/32	Yes	Yes	
CY27H010	DIP/PLCC/TSOP	32	Yes	Yes	
CY27H256	DIP/TSOP/PLCC	28/32	Yes	Yes	
CY27H512	DIP/TSOP/PLCC	28/32	Yes	Yes	
CY37032P44	PLCC	44	a	a	(a=AJ-CY44)*
CY37032VP44	PLCC	44	a	a	(a=AJ-CY44)*
CY37064P44	PLCC	44	a	a	(a=AJ-CY44)*
CY37064VP44	PLCC	44	a	a	(a=AJ-CY44)*
CY37064P84	PLCC	84	b	b	(b=AJ-CY84)*
CY37064VP84	PLCC	84	b	b	(b=AJ-CY84)*
CY37128P84	PLCC	84	b	b	(b=AJ-CY84)*

Device	Package	Pins	1084	1044	Module
CY37128VP84	PLCC	84	b	b	(b=AJ-CY84)*
CY7C225	DIP	24	Yes	Yes	
CY7C225A	DIP	24	Yes	Yes	
CY7C235	DIP	24	Yes	Yes	
CY7C235A	DIP	24	Yes	Yes	
CY7C243	DIP	24	Yes	Yes	
CY7C244	DIP	24	Yes	Yes	
CY7C245	DIP	24	Yes	Yes	
CY7C245A	DIP	24	Yes	Yes	
CY7C251	DIP	24	Yes	Yes	
CY7C258	DIP	24	Yes	Yes	
CY7C254	DIP	24	Yes	Yes	
CY7C261	DIP	24	Yes	Yes	
CY7C263	DIP	24	Yes	Yes	
CY7C264	DIP	24	Yes	Yes	
CY7C265	DIP	28	Yes	Yes	
CY7C266	DIP	32	Yes	Yes	
CY7C268	DIP	28	Yes	Yes	
CY7C269	DIP	28	Yes	Yes	
CY7C270	PLCC	44	Yes	.	(UPA-84)
CY7C271	DIP	28	Yes	Yes	
CY7C271A	DIP	28	Yes	Yes	
CY7C274	DIP	28	Yes	Yes	
CY7C276	PLCC	44	Yes	.	(UPA-84)
CY7C277	DIP	28	Yes	Yes	
CY7C279	DIP	28	Yes	Yes	
CY7C281	DIP	24	Yes	Yes	
CY7C281A	DIP	24	Yes	Yes	
CY7C282	DIP	24	Yes	Yes	
CY7C282A	DIP	24	Yes	Yes	
CY7C285	DIP	24	Yes	Yes	
CY7C286	DIP	24	Yes	Yes	
CY7C287	DIP	24	Yes	Yes	
CY7C291	DIP	24	Yes	Yes	
CY7C291A	DIP	24	Yes	Yes	
CY7C292	DIP	24	Yes	Yes	
CY7C292A	DIP	24	Yes	Yes	
CY7C293A	DIP	24	Yes	Yes	
PLD					
CY7C330	DIP/PLCC	28	Yes	Yes	
CY7C331	DIP/PLCC	28	Yes	Yes	
CY7C332	DIP/PLCC	28	Yes	Yes	
CY7C341	PLCC	84	Yes	Y	(AM-MAX84)
CY7C342,342B	PLCC	68	Yes	Y	(AM-MAX68)
CY7C342B_PGA	PGA	68	a	.	(AM-MAX68G)
CY7C343	PLCC	44	Yes	Yes	(AM-MAX44)
CY7C344	DIP/PLCC	28	Yes	Yes	
CY7C346	PLCC	84	Yes	.	(AM-MAX84)
CY7C346_PGA	PGA	100	a	.	(AM-MAX100G)
CY7C361	DIP/PLCC	28	Yes	Yes	
CY7C371,371I	PLCC	44	Yes	Yes	(AM-110)
CY7C372	PLCC	44	Yes	Yes	(AM-110)
CY7C373	PLCC	84	Yes	.	(AM-130)
CY7C374,374I	PLCC	84	Yes	.	(AM-130)
CY7C375,375I	TQFP	160	a	.	(AM-CY160A)
PAL16L8-4,L8-5,L8-7	DIP/PLCC	20	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PAL16R4-4,R4-5,R4-7	DIP/PLCC	20	Yes	Yes	
PAL16R6-4,R6-5,R6-7	DIP/PLCC	20	Yes	Yes	
PAL16R8-4,R8-5,R8-7	DIP/PLCC	20	Yes	Yes	
PAL20G10C	DIP/PLCC	24/28	Yes	Yes	
PAL22V10C	DIP/PLCC	24/28	Yes	Yes	
PAL22V10CF	DIP/PLCC	24/28	Yes	Yes	
PAL22V10G	DIP/PLCC	24/28	Yes	Yes	
PAL22VP10C	DIP/PLCC	24/28	Yes	Yes	
PALC16L8,L8A	DIP/PLCC	20	Yes	Yes	
PALC16R4,R4A	DIP/PLCC	20	Yes	Yes	
PALC16R6,R6A	DIP/PLCC	20	Yes	Yes	
PALC16R8,R8A	DIP/PLCC	20	Yes	Yes	
PALC20G10	DIP/PLCC	24/28	Yes	Yes	
PALC20G10A	DIP/PLCC	24/28	Yes	Yes	
PALC20G10B	DIP/PLCC	24/28	Yes	Yes	
PALC22V10	DIP/PLCC	24/28	Yes	Yes	
PALC22V10A	DIP/PLCC	24/28	Yes	Yes	
PALC22V10B	DIP/PLCC	24/28	Yes	Yes	
PALC22V10D	DIP/PLCC	24/28	Yes	Yes	
PALC22V10L	DIP/PLCC	24/28	Yes	Yes	
PALCE16V8	DIP/PLCC	20	Yes	Yes	
PALCE20V8	DIP/PLCC	24/28	Yes	Yes	
PALCE22V10	DIP/PLCC	24/28	Yes	Yes	
PLDC20G10	DIP/PLCC	24/28	Yes	Yes	
PLDC20G10B	DIP/PLCC	24/28	Yes	Yes	
PLDC20RA10	DIP/PLCC	24/28	Yes	Yes	

DALLAS

1220AB	DIP	24	Yes	Yes	
1220AD	DIP	24	Yes	Yes	
1220Y	DIP	24	Yes	Yes	
1225AB	DIP	28	Yes	Yes	
1225AD	DIP	28	Yes	Yes	
1225Y	DIP	28	Yes	Yes	
1230AB	DIP	28	Yes	Yes	
1230Y	DIP	28	Yes	Yes	
1243Y	DIP	28	Yes	Yes	
1245AB	DIP	32	Yes	Yes	
1245Y	DIP	32	Yes	Yes	
1249AB	DIP	32	Yes	Yes	
1249Y	DIP	32	Yes	Yes	
1250AB	DIP	32	Yes	Yes	
1250Y	DIP	32	Yes	Yes	
1642	DIP	24	Yes	Yes	
87C520	DIP/PLCC/TQFP	40/44	Yes	Yes	
87C530	PLCC	52	Yes	Y	(AM-530)
89C420	DIP/PLCC	40/44	Yes	Yes	

DENSEPAC

DPV27C101	DIP/PLCC	32	Yes	Yes	
DPV3232VA	MODULE	66	a	.	(a=AM-DP66)
DPV12832VA	MODULE	66	a	.	(a=AM-DP66)

EON

27C010	DIP/PLCC/TSOP	32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
29F002B/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F002NB/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F040	DIP/PLCC/TSOP	32	Yes	Yes	

EXCEL

2804A	DIP/PLCC	28/32	Yes	Yes	
2816A	DIP/PLCC	28/32	Yes	Yes	
2817A	DIP/PLCC	28/32	Yes	Yes	
2864A	DIP/PLCC	28/32	Yes	Yes	
2865A	DIP/PLCC	28/32	Yes	Yes	
28C64A	DIP/PLCC	28/32	Yes	Yes	
28C65A	DIP	28/32	Yes	Yes	

FAIRCHILD

24C01C	DIP/SOIC	8	Yes	Yes	
24C02	DIP/SOIC	8	Yes	Yes	
24C02A	DIP/SOIC	8	Yes	Yes	
24C02C	DIP/SOIC	8	Yes	Yes	
24C03	DIP/SOIC	8	Yes	Yes	
24C04	DIP/SOIC	8	Yes	Yes	
24C04C	DIP/SOIC	8	Yes	Yes	
24C05	DIP/SOIC	8	Yes	Yes	
24C08	DIP/SOIC	8	Yes	Yes	
24C08C	DIP/SOIC	8	Yes	Yes	
24C09	DIP/SOIC	8	Yes	Yes	
24C16	DIP/SOIC	8	Yes	Yes	
24C17	DIP/SOIC	8	Yes	Yes	
24C256	DIP/SOIC	8	Yes	Yes	
24C256L	DIP/SOIC	8	Yes	Yes	
25C01	DIP/SOIC	8	Yes	Yes	
25C01C	DIP/SOIC	8	Yes	Yes	
25C02A	DIP/SOIC	8	Yes	Yes	
25C02C	DIP/SOIC	8	Yes	Yes	
25C04	DIP/SOIC	8	Yes	Yes	
25C041	DIP/SOIC	8	Yes	Yes	
25C04C	DIP/SOIC	8	Yes	Yes	
25C08	DIP/SOIC	8	Yes	Yes	
25C08C	DIP/SOIC	8	Yes	Yes	
27C16	DIP/PLCC	24/32	Yes	Yes	
27C16B	DIP/PLCC	24/32	Yes	Yes	
27C16H	DIP/PLCC	24/32	Yes	Yes	
27C32	DIP/PLCC	24/32	Yes	Yes	
27C32B	DIP/PLCC	28/32	Yes	Yes	
27C32H	DIP/PLCC	28/32	Yes	Yes	
27C64	DIP/PLCC	28/32	Yes	Yes	
27C128	DIP/PLCC	28/32	Yes	Yes	
27CP128	DIP/PLCC	28/32	Yes	Yes	
27C240	DIP/PLCC	40/44	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27C257	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27C010	DIP/PLCC	32	Yes	Yes	
27C020	DIP/PLCC	32	Yes	Yes	
27C040	DIP/PLCC	32	Yes	Yes	
27C210	DIP/PLCC	40/44	Yes	Yes	
27LC64	DIP/PLCC	28/32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
27LC256	DIP/PLCC	28/32	Yes	Yes	
27LC512	DIP/PLCC	28/32	Yes	Yes	
27LV010	DIP/PLCC	32	Yes	Yes	
27LV020	DIP/PLCC	32	Yes	Yes	
27LV040	DIP/PLCC	32	Yes	Yes	
27LV210	DIP/PLCC	40/44	Yes	Yes	
27P040	DIP/PLCC	32	Yes	Yes	
27P210	DIP/PLCC	40/44	Yes	Yes	
27P512	DIP/PLCC	28/32	Yes	Yes	
9306	DIP/SOIC/TSSOP	8	Yes	Yes	
93C06	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS06	DIP/SOIC/TSSOP	8	Yes	Yes	
9307	DIP/SOIC/TSSOP	8	Yes	Yes	
9313B	DIP/SOIC/TSSOP	8	Yes	Yes	
9314B	DIP/SOIC/TSSOP	8	Yes	Yes	
9346	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46A	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS46	DIP/SOIC/TSSOP	8	Yes	Yes	
93C56	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS56	DIP/SOIC/TSSOP	8	Yes	Yes	
93C66	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS66	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS66	SOIC	14	Yes	Yes	(SO-16B)
93C86A	DIP/SOIC/TSSOP	8	Yes	Yes	

FUJITSU

2732A	DIP/PLCC	28/32	Yes	Yes	
2764	DIP/PLCC	28/32	Yes	Yes	
27C64	DIP/PLCC	28/32	Yes	Yes	
27128	DIP/PLCC	28/32	Yes	Yes	
27C128	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27C256A	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27C1000	DIP/PLCC	32	Yes	Yes	
27C1001	DIP/PLCC	32	Yes	Yes	
27C1024	DIP/PLCC	40/44	Yes	Yes	
27C4096	DIP/PLCC	40/44	Yes	Yes	
27C4200	DIP/PLCC	42/44	Yes	Yes	
28C256	DIP/PLCC	28/32	Yes	Yes	
29DL322TD/BD	TSOP	48	Yes	Yes	(TS-48A)
29DL322TE/BE	TSOP	48	Yes	Yes	(TS-48A)
29DL323TD/BD	TSOP	48	Yes	Yes	(TS-48A)
29DL323TE/BE	TSOP	48	Yes	Yes	(TS-48A)
29DL324TD/BD	TSOP	48	Yes	Yes	(TS-48A)
29DL324TE/BE	TSOP	48	Yes	Yes	(TS-48A)
29DL800BA	FBGA	48	a	a	(a=FB-48-2)
29DL800TA	FBGA	48	a	a	(a=FB-48-2)
29F040	DIP/PLCC	32	Yes	Yes	
29F040B	TSOP	40	Yes	Yes	(TSOP-40E)
29F040B	PSOP	44	Yes	Yes	(SO-44A)
29F040C	TSOP	40	Yes	Yes	(TSOP-40E)
29F040C	PSOP	44	Yes	Yes	(SO-44A)
29F080A	TSOP	40	Yes	Yes	(TSOP-40E)
29F080A	PSOP	44	Yes	Yes	(SO-44A)

Device	Package	Pins	1084	1044	Module
29F160BA	TSOP	48	Yes	Yes	(TS-48A)
29F160TA	TSOP	48	Yes	Yes	(TS-48A)
29F400BA	TSOP	48	Yes	Yes	(TS-48A)
29F400TA	TSOP	48	Yes	Yes	(TS-48A)
29F800BA	TSOP	48	Yes	Yes	(TS-48A)
29F800TA	TSOP	48	Yes	Yes	(TS-48A)
29LV002B/T	TSOP	40	Yes	Yes	(TSOP-40A)
29LV004B/T	TSOP	40	Yes	Yes	(TSOP-40A)
29LV008B/T	TSOP	40	Yes	Yes	(TSOP-40A)
29LV016B/T	TSOP	40	Yes	Yes	(TSOP-40A)
29LV160B/T	TSOP	48	Yes	Yes	(TS-48A)
29LV800BA	FBGA	48	a	a	(a=FB-48-2)
29LV800TA	FBGA	48	a	a	(a=FB-48-2)
84VA2004	FBGA	48	b	b	(b=FB-48-4)
84VA2005	FBGA	48	b	b	(b=FB-48-4)
87C42	DIP/PLCC	40/44	Yes	Yes	

GOULD

PA7024	DIP/PLCC	24/28	Yes	Yes	
PEEL18CV8	DIP/PLCC	20/20	Yes	Yes	
PEEL20CG10	DIP/PLCC	24/28	Yes	Yes	
PEEL22CV10	DIP/PLCC	24/28	Yes	Yes	
PEEL22CV10A	DIP/PLCC	24/28	Yes	Yes	
PEEL22CV10Z	DIP/PLCC	24/28	Yes	Yes	

HITACHI**MEMORIES**

2732A	DIP/PLCC	28/32	Yes	Yes	
2764/27C64	DIP/PLCC	28/32	Yes	Yes	
27128	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27C256A/H	DIP/PLCC	28/32	Yes	Yes	
27512	DIP/PLCC	28/32	Yes	Yes	
27C101A/P/G	DIP/PLCC	32	Yes	Yes	
27C301A/P/G	DIP/PLCC	32	Yes	Yes	
27C1024	DIP/PLCC	40/44	Yes	Yes	
27C4000	DIP	40	Yes	Yes	
27C4001	DIP/PLCC	32	Yes	Yes	
27C4096	DIP/PLCC	40/44	Yes	Yes	
28C256	DIP/PLCC	28/32	Yes	Yes	
28C1001	DIP/PLCC	32/32	Yes	Yes	
28F101	DIP/PLCC	32/32	Yes	Yes	
28V1001	DIP/PLCC	32/32	Yes	Yes	
29WB800	TSOP	48	a	a	(a=TS-48A)
29WT800	TSOP	48	a	a	(a=TS-48A)
58C1001	DIP/PLCC	32/32	Yes	Yes	
58V257	DIP/PLCC	32/32	Yes	Yes	
58V1001	DIP/PLCC	32/32	Yes	Yes	
64F3048F	QFP	100	a	a	(a=Hitachi adaptor)
64F3067F	QFP	100	a	a	(a=Hitachi adaptor)

MICRO

H8/337	PLCC	84	a	a	(a=Hitachi adaptor)
H8/338	PLCC	84	a	a	(a=Hitachi adaptor)
HD6477043F	QFP	144	b	b	(b=Hitachi adaptor)

Device	Package	Pins	1084	1044	Module
HYUNDAI					
29F002B/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F040	DIP/TSOP	32	Yes	Yes	
29F040AT	TSOP	32	Yes	Yes	
29F080	TSOP	40	a	a	(a=TS-40E)
29F080	PSOP	44	b	b	(b=SO-44A)
29F400BG/TG	PSOP	44	b	b	(b=SO-44A)
29F400BT/TT	TSOP	48	c	c	(c=TS-48A)
29F800BG/TG	PSOP	44	b	b	(b=SO-44A)
29F800BT/TT	TSOP	48	c	c	(c=TS-48A)
29LV160BF	FBGA	48	d	d	(d=MB-48-3)
29LV160BT	TSOP	48	c	c	(c=TS-48A)
29LV160TF	FBGA	48	d	d	(d=MB-48-3)
29LV160TT	TSOP	48	c	c	(c=TS-48A)
GMS77C1000	DIP	18	Yes	Yes	
GMS77C1000	SOIC	18	Yes	Yes	
GMS77C1000	SSOP	18	Yes	Yes	
GMS77C1001	DIP	18	Yes	Yes	
GMS77C1001	SOIC	18	Yes	Yes	
GMS77C1001	SSOP	18	Yes	Yes	

ICT**PLD**

PA7024	DIP/PLCC	24/28	Yes	Yes	
PEEL153	DIP/PLCC	20	Yes	Yes	
PEEL173	DIP/PLCC	24/28	Yes	Yes	
PEEL18CV8	DIP/PLCC	20	Yes	Yes	
PEEL22CV10	DIP/PLCC	24/28	Yes	Yes	
PEEL22CV10A	DIP/PLCC	24/28	Yes	Yes	
PEEL22CV10A	DIP/PLCC	24/28	Yes	Yes	
PEEL22CV10Z	DIP/PLCC	24/28	Yes	Yes	
PEEL20CG10	DIP/PLCC	24/28	Yes	Yes	
PEEL253	DIP/PLCC	20	Yes	Yes	
PEEL273	DIP/PLCC	24/28	Yes	Yes	

MEMORIES

27CX321	DIP	24	Yes	Yes	
27CX322	DIP	24	Yes	Yes	
27CX641	DIP	24	Yes	Yes	
27CX642	DIP	24	Yes	Yes	

INTEL**PLD**

5AC312	DIP/PLCC	24/28	Yes	Yes	
5AC324	DIP/PLCC	40/44	Yes	Yes	
5C031	DIP/PLCC	20	Yes	Yes	
5C032	DIP/PLCC	20	Yes	Yes	
5C060	DIP/PLCC	24/28	Yes	Yes	
5C090	DIP/PLCC	40/44	Yes	Yes	
5C121	DIP/PLCC	40/44	Yes	Yes	
5C180	PLCC	68	Yes	Y	(AM-1800)
85C060	DIP/PLCC	24/28	Yes	Yes	
85C090	DIP/PLCC	40/44	Yes	Yes	

Device	Package	Pins	1084	1044	Module
85C960	DIP/PLCC	28	Yes	Yes	
85C220	DIP/PLCC	20	Yes	Yes	
85C224	DIP/PLCC	24/28	Yes	Yes	
85C22V10	DIP/PLCC	24/28	Yes	Yes	
FX740_44	DIP/PLCC	44	Yes	Yes	(PX-44)
FX740_68	PLCC	68	Yes	Y	(AM-74)
FX780_84	PLCC	84	Yes	Y	(AM-78)
FX780_132	QFP	132	a	a	(AM-78Q)
iPLD22V10	DIP/PLCC	24/28	Yes	Yes	
iPLD610	DIP/PLCC	24/28	Yes	Yes	
iPLD910	DIP/PLCC	40/44	Yes	Yes	
MEMORIES					
2716	DIP/PLCC	24/32	Yes	Yes	
2732/A	DIP/PLCC	24/32	Yes	Yes	
2764/A	DIP/PLCC	28/32	Yes	Yes	
27C64	DIP/PLCC	28/32	Yes	Yes	
27128/A	DIP/PLCC	28/32	Yes	Yes	
27128B	DIP/PLCC	28/32	Yes	Yes	
27C128	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27512	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27513	DIP/PLCC	28/32	Yes	Yes	
27C513	DIP/PLCC	28/32	Yes	Yes	
27011	DIP/PLCC	28/32	Yes	Yes	
27C011	DIP/PLCC	28/32	Yes	Yes	
27010	DIP/PLCC	32	Yes	Yes	
27C010	DIP/PLCC/TSOP	32	Yes	Yes	
27C010A	DIP/PLCC/TSOP	32	Yes	Yes	
27C020	DIP/PLCC/TSOP	32	Yes	Yes	
27C040	DIP/PLCC/TSOP	32	Yes	Yes	
27C210	DIP/PLCC	40/44	Yes	Yes	
27C220	DIP/PLCC	40/44	Yes	Yes	
27C240	DIP/PLCC	40/44	Yes	Yes	
27C400	DIP	40	Yes	Yes	
2816	DIP/PLCC	24/28	Yes	Yes	
2817A	DIP/PLCC	28/32	Yes	Yes	
2864A	DIP/PLCC	28/32	Yes	Yes	
28F256A	DIP/PLCC/TSOP	32	Yes	Yes	
28F512	DIP/PLCC/TSOP	32	Yes	Yes	
28F010	DIP/PLCC/TSOP	32	Yes	Yes	
28F020	DIP/PLCC/TSOP	32	Yes	Yes	
82802AB	PLCC	32	Yes	Yes	
82802AC	PLCC	32	Yes	Yes	
87C64	DIP/PLCC	28/32	Yes	Yes	
87C257	DIP/PLCC	28/32	Yes	Yes	
DA28F016SA	SSOP	56	p	p	(p=SS-56A)
DA28F016SV	SSOP	56	p	p	(p=SS-56A)
DA28F320J5	SSOP	56	p	p	(p=SS-56A)
DA28F640J5	SSOP	56	p	p	(p=SS-56A)
DD28F032SA	TSOP	56	e	e	(e=TSOP-56E)
DT28F160S3	SSOP	56	p	p	(p=SS-56A)
DT28F160S5	SSOP	56	p	p	(p=SS-56A)
DT28F320S3	SSOP	56	p	p	(p=SS-56A)
DT28F320S5	SSOP	56	p	p	(p=SS-56A)

Device	Package	Pins	1084	1044	Module
E28F001BXB/T	DIP/PLCC	32	Yes	Yes	
E28F002B5	TSOP	40	a	a	(a=TSOP-40A)
E28F002BC	TSOP	40	a	a	(a=TSOP-40A)
E28F002BLB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F002BRB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F002BVB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F002BXB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F004B3B/T	TSOP	40	a	a	(a=TSOP-40A)
E28F004B5	TSOP	40	a	a	(a=TSOP-40A)
E28F004BC	TSOP	40	a	a	(a=TSOP-40A)
E28F004BLB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F004BRB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F004BVB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F004BXB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F004S3	TSOP	40	b	b	(b=TSOP-40E)
E28F004S5	TSOP	40	b	b	(b=TSOP-40E)
E28F004SC	TSOP	40	b	b	(b=TSOP-40E)
E28F008B3B/T	TSOP	40	a	a	(a=TSOP-40A)
E28F008BEB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F008BVB/T	TSOP	40	a	a	(a=TSOP-40A)
E28F008S3	TSOP	40	b	b	(b=TSOP-40E)
E28F008S5	TSOP	40	b	b	(b=TSOP-40E)
E28F008SA	TSOP	40	b	b	(b=TSOP-40E)
E28F008SC	TSOP	40	b	b	(b=TSOP-40E)
E28F016B3B/T	TSOP	40	a	a	(a=TSOP-40A)
E28F016S3	TSOP	40	b	b	(b=TSOP-40E)
E28F016S5	TSOP	40	b	b	(b=TSOP-40E)
E28F016SA	TSOP	56	e	e	(e=TSOP-56E)
E28F016SC	TSOP	40	b	b	(b=TSOP-40E)
E28F016SV	TSOP	56	e	e	(e=TSOP-56E)
E28F016XS	TSOP	56	e	e	(e=TSOP-56E)
E28F032SA	TSOP	56	e	e	(e=TSOP-56E)
E28F128J3A	TSOP	56	e	e	(e=TSOP-56E)
E28F160B3B/T	TSOP	48	j	j	(j=TS-48A)
E28F160C18	TSOP	48	j	j	(j=TS-48A)
E28F160C3B/T	TSOP	48	j	j	(j=TS-48A)
E28F160S3	TSOP	56	e	e	(e=TSOP-56E)
E28F160S5	TSOP	56	e	e	(e=TSOP-56E)
E28F200B5B/T	TSOP	48	j	j	(j=TS-48A)
E28F200BL-B/T	TSOP	56	h	h	(h=TSOP-56A)
E28F200BV-B/T	TSOP	56	h	h	(h=TSOP-56A)
E28F200BX-B/T	TSOP	56	h	h	(h=TSOP-56A)
E28F200CV-B/T	TSOP	48	j	j	(j=TS-48A)
E28F320B3	TSOP	48	j	j	(j=TS-48A)
E28F320C3B/T	TSOP	48	j	j	(j=TS-48A)
E28F320J3A	TSOP	56	e	e	(e=TSOP-56E)
E28F320J5	TSOP	56	e	e	(e=TSOP-56E)
E28F320S3	TSOP	56	e	e	(e=TSOP-56E)
E28F400B3B/T	TSOP	48	j	j	(j=TS-48A)
E28F400B5B/T	TSOP	48	j	j	(j=TS-48A)
E28F400BL-B/T	TSOP	56	h	h	(h=TSOP-56A)
E28F400BV-B/T	TSOP	56	h	h	(h=TSOP-56A)
E28F400BX-B/T	TSOP	56	h	h	(h=TSOP-56A)
E28F400CV-B/T	TSOP	48	j	j	(j=TS-48A)
E28F640J3A	TSOP	56	e	e	(e=TSOP-56E)
E28F800B3	TSOP	48	j	j	(j=TS-48A)
E28F800B5B/T	TSOP	48	j	j	(j=TS-48A)

Device	Package	Pins	1084	1044	Module
E28F800BV	TSOP	48	j	j	(j=TS-48A)
E28F800C3B/T	TSOP	48	j	j	(j=TS-48A)
E28F800CV-B/T	TSOP	48	j	j	(j=TS-48A)
GT28F008B3	uBGA	48	t	t	(t=MB-48-3)
GT28F016B3	uBGA	48	u	u	(u=MB-48-4)
GT28F160B3	uBGA	48	r	r	(r=MB-48-2)
GT28F400B3	uBGA	48	s	s	(s=MB-48-1)
GT28F800B3	uBGA	48	s	s	(s=MB-48-1)
PA28F004S3	PSOP	44	m	m	(m=SO-44A)
PA28F004S5	PSOP	44	m	m	(m=SO-44A)
PA28F004SC	PSOP	44	m	m	(m=SO-44A)
PA28F008S3	PSOP	44	m	m	(m=SO-44A)
PA28F008S5	PSOP	44	m	m	(m=SO-44A)
PA28F008SA	PSOP	44	m	m	(m=SO-44A)
PA28F016S3	PSOP	44	m	m	(m=SO-44A)
PA28F016S5	PSOP	44	m	m	(m=SO-44A)
PA28F016SC	PSOP	44	m	m	(m=SO-44A)
PA28F200B5B/T	PSOP	44	m	m	(m=SO-44A)
PA28F200BC-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F200BL-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F200BR-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F200BV-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F200BX-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F400B5B/T	PSOP	44	m	m	(m=SO-44A)
PA28F400BC-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F400BL-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F400BR-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F400BV-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F400BX-B/T	PSOP	44	m	m	(m=SO-44A)
PA28F800B5B/T	PSOP	44	m	m	(m=SO-44A)
PA28F800BV-B/T	PSOP	44	m	m	(m=SO-44A)
RC28F128J3A	BGA	64	b	b	(b=MB-64-1)
RC28F320J3A	BGA	64	b	b	(b=MB-64-1)
RC28F640J3A	BGA	64	b	b	(b=MB-64-1)
TB28F200BL-B/T	PSOP	44	m	m	(m=SO-44A)
TB28F200BV-B/T	PSOP	44	m	m	(m=SO-44A)
TB28F200BX-B/T	PSOP	44	m	m	(m=SO-44A)
TB28F400BL-B/T	PSOP	44	m	m	(m=SO-44A)
TB28F400BV-B/T	PSOP	44	m	m	(m=SO-44A)
TB28F400BX-B/T	PSOP	44	m	m	(m=SO-44A)

MICROS

80C251	PLCC	44	Yes	Yes	(AM-251)
8741	DIP/PLCC	40/44	Yes	Yes	
8741A	DIP/PLCC	40/44	Yes	Yes	
8741AH	DIP/PLCC	40/44	Yes	Yes	
8742	DIP/PLCC	40/44	Yes	Yes	
8742AH	DIP/PLCC	40/44	Yes	Yes	
8748	DIP/PLCC	40/44	Yes	Yes	
8748H	DIP/PLCC	40/44	Yes	Yes	
8749H	DIP/PLCC	40/44	Yes	Yes	
8751BH	DIP/PLCC	40/44	Yes	Yes	
8751H	DIP/PLCC	40/44	Yes	Yes	
8752BH	DIP/PLCC	40/44	Yes	Yes	
8753H	DIP/PLCC	40/44	Yes	Yes	
8797BH	PLCC	68	Yes	Y	(AM-196)
8797BH	PGA	68	a	a	(AM-196G)

Device	Package	Pins	1084	1044	Module
87C151SA	DIP	40	Yes	Yes	
87C151SA	PLCC	44	Yes	Yes	(AM-251)
87C151SB	DIP	40	Yes	Yes	
87C151SB	PLCC	44	Yes	Yes	(AM-251)
87C194	PLCC	52	Yes	Y	(AM-198)
87C196CA	PLCC	68	Yes	Y	(AM-196CA)
87C196CB	PLCC	84	Yes	Y	(AM-196CB)
87C196CB	QFP	100	Y	Y	(AM-196CBQ)
87C196JQ	PLCC	52	Yes	Y	(AM-196J)
87C196JR	PLCC	52	Yes	Y	(AM-196J)
87C196JT	PLCC	52	Yes	Y	(AM-196J)
87C196JV	PLCC	52	Yes	Y	(AM-196J)
87C196KB	PLCC	68	Yes	Y	(AM-196)
87C196KB	PGA	68	a	a	(AM-196G)
87C196KB	QFP	80	a	a	(AM-196Q)
87C196KC	PLCC	68	Yes	Y	(AM-196)
87C196KC	PGA	68	a	a	(AM-196G)
87C196KC	QFP	80	a	a	(AM-196Q)
87C196KC	SQFP	80	a	a	(AM-196SQ)
87C196KD	PLCC	68	Yes	Y	(AM-196)
87C196KD	PGA	68	a	a	(AM-196G)
87C196KD	QFP	80	a	a	(AM-196Q)
87C196KD	SQFP	80	a	a	(AM-196SQ)
87C196KQ	PLCC	68	Yes	Y	(AM-196R)
87C196KR	PLCC	68	Yes	Y	(AM-196R)
87C196KS	PLCC	68	Yes	Y	(AM-196R)
87C196KT	PLCC	68	Yes	Y	(AM-196R)
87C196MC	PLCC	84	Yes	Y	(AM-196M)
87C196MC	QFP	80	a	a	(AM-196MQ)
87C196MD	PLCC	84	Yes	Y	(AM-196M)
87C196MD	QFP	80	a	a	(AM-196MQ)
87C196MH	PLCC	84	Yes	Y	(AM-196M)
87C196MH	QFP	80	a	a	(AM-196MQ)
87C196NT	PLCC	68	Yes	Y	(AM-196NT)
87C198	PLCC	52	Yes	Y	(AM-198)
87C251	DIP	40	Yes	Yes	
87C251	PLCC	44	Yes	Yes	(AM-251)
87C42	DIP/PLCC/TQFP	40/44	Yes	Yes	
87C51	DIP/PLCC/TQFP	40/44	Yes	Yes	
87C51FA	DIP/PLCC/TQFP	40/44	Yes	Yes	
87C51FB	DIP/PLCC/TQFP	40/44	Yes	Yes	
87C51FC	DIP/PLCC/TQFP	40/44	Yes	Yes	
87C51GB	PLCC	68	Yes	Y	(AM-51GB)
87C51RA	DIP/PLCC	40/44	Yes	Yes	
87C51RB	DIP/PLCC	40/44	Yes	Yes	
87C51RC	DIP/PLCC	40/44	Yes	Yes	
87C52	DIP/PLCC/TQFP	40/44	Yes	Yes	
87C54	DIP/PLCC/TQFP	40/44	Yes	Yes	
87C58	DIP/PLCC/TQFP	40/44	Yes	Yes	
87L51FA	DIP/PLCC/TQFP	40/44	Yes	Yes	
87L51FB	DIP/PLCC/TQFP	40/44	Yes	Yes	
87L51FC	DIP/PLCC/TQFP	40/44	Yes	Yes	

ISSI

27C010	DIP/PLCC/TSOP	32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC/TSOP	28/32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
27HC256	DIP/PLCC	28/32	Yes	Yes	
27HC512	DIP/PLCC/TSOP	28/32	Yes	Yes	
27HC010	DIP/PLCC/TSOP	32	Yes	Yes	
27LV512	DIP/PLCC/TSOP	28/32	Yes	Yes	
28F010	DIP/PLCC/TSOP	32	Yes	Yes	
28F020	DIP/PLCC/TSOP	32	Yes	Yes	
89C51A	DIP/PLCC	40/44	Yes	Yes	
89C52	DIP/PLCC	40/44	Yes	Yes	
89C52A	DIP/PLCC	40/44	Yes	Yes	
89LV51	DIP/PLCC	40/44	Yes	Yes	
89LV51A	DIP/PLCC	40/44	Yes	Yes	
89LV52	DIP/PLCC	40/44	Yes	Yes	
89LV52A	DIP/PLCC	40/44	Yes	Yes	

LATTICE

GAL16LV8	DIP/PLCC	20	Yes	Yes	
GAL16LV8C	DIP/PLCC	20	Yes	Yes	
GAL16LV8D	DIP/PLCC	20	Yes	Yes	
GAL16V8	DIP/PLCC	20	Yes	Yes	
GAL16V8A	DIP/PLCC	20	Yes	Yes	
GAL16V8B	DIP/PLCC	20	Yes	Yes	
GAL16V8C	DIP/PLCC	20	Yes	Yes	
GAL16V8D	DIP/PLCC	20	Yes	Yes	
GAL16V8Z	DIP/PLCC	20	Yes	Yes	
GAL16VP8	DIP/PLCC	20	Yes	Yes	
GAL16VP8B	DIP/PLCC	20	Yes	Yes	
GAL18V10	DIP/PLCC	20	Yes	Yes	
GAL18V10B	DIP/PLCC	20	Yes	Yes	
GAL20LV8	DIP/PLCC	24/28	Yes	Yes	
GAL20LV8C	DIP/PLCC	24/28	Yes	Yes	
GAL20LV8D	DIP/PLCC	24/28	Yes	Yes	
GAL20RA10	DIP/PLCC	24/28	Yes	Yes	
GAL20RA10B	DIP/PLCC	24/28	Yes	Yes	
GAL20V8	DIP/PLCC	24/28	Yes	Yes	
GAL20V8A	DIP/PLCC	24/28	Yes	Yes	
GAL20V8B	DIP/PLCC	24/28	Yes	Yes	
GAL20V8C	DIP/PLCC	24/28	Yes	Yes	
GAL20V8D	DIP/PLCC	24/28	Yes	Yes	
GAL20V8Z	DIP/PLCC	24/28	Yes	Yes	
GAL20VP8	DIP/PLCC	24/28	Yes	Yes	
GAL20VP8B	DIP/PLCC	24/28	Yes	Yes	
GAL20XV10	DIP/PLCC	24/28	Yes	Yes	
GAL20XV10B	DIP/PLCC	24/28	Yes	Yes	
GAL22LV10	DIP/PLCC	24/28	Yes	Yes	
GAL22LV10C	DIP/PLCC	24/28	Yes	Yes	
GAL22LV10D	DIP/PLCC	24/28	Yes	Yes	
GAL22LV10Z	DIP/PLCC	24/28	Yes	Yes	
GAL22LV10ZD	DIP/PLCC	24/28	Yes	Yes	
GAL22V10	DIP/PLCC	24/28	Yes	Yes	
GAL22V10-Q	DIP/PLCC	24/28	Yes	Yes	
GAL22V10B	DIP/PLCC	24/28	Yes	Yes	
GAL22V10B-Q	DIP/PLCC	24/28	Yes	Yes	
GAL22V10C	DIP/PLCC	24/28	Yes	Yes	
GAL22V10C-Q	DIP/PLCC	24/28	Yes	Yes	
GAL22V10D	DIP/PLCC	24/28	Yes	Yes	
GAL26CLV12	DIP/PLCC	28	Yes	Yes	
GAL26CLV12C	DIP/PLCC	28	Yes	Yes	

Device	Package	Pins	1084	1044	Module
GAL26CLV12D	DIP/PLCC	28	Yes	Yes	
GAL26CLV12Z	DIP/PLCC	28	Yes	Yes	
GAL26CLV12ZD	DIP/PLCC	28	Yes	Yes	
GAL26CV12	DIP/PLCC	28	Yes	Yes	
GAL26CV12B	DIP/PLCC	28	Yes	Yes	
GAL26CV12C	DIP/PLCC	28	Yes	Yes	
GAL26CV12C-Q	DIP/PLCC	28	Yes	Yes	
GAL26V12C	DIP/PLCC	28	Yes	Yes	
GAL26V12C-Q	DIP/PLCC	28	Yes	Yes	
GAL6001	DIP/PLCC	24/28	Yes	Yes	
GAL6001A	DIP/PLCC	24/28	Yes	Yes	
GAL6001B	DIP/PLCC	24/28	Yes	Yes	
GAL6002	DIP/PLCC	24/28	Yes	Yes	
GAL6002B	DIP/PLCC	24/28	Yes	Yes	
ispGAL22LV10	PLCC	28	a	a	(AJ-L28)*
ispGAL22LV10	SSOP	28	a	a	(AJ-L28SS)*
ispGAL22V10	DIP/PLCC	24/28	Yes	Yes	
ispGDS14	DIP/PLCC	20	Yes	Yes	
ispGDS18	DIP/PLCC	24/28	Yes	Yes	
ispGDS22	DIP/PLCC	28	Yes	Yes	
ispLSI1016	PLCC	44	Yes	Yes	(AM-LSI16)
ispLSI1016E	PLCC	44	Yes	Yes	(AM-LSI16)
ispLSI1016E	TQFP	44	Yes	Yes	(AM-LSI16T)
ispLSI1016EA	PLCC	44	a	a	(AJ-L44)*
ispLSI1016EA	TQFP	44	a	a	(AJ-L44TQ)*
ispLSI1024	PLCC	68	Yes	Y	(AM-LSI24)
ispLSI1024E	PLCC	68	Yes	Y	(AM-LSI24)
ispLSI1032	PLCC	84	Yes	Y	(AM-LSI32)
ispLSI1032	TQFP	100	Y	Y	(AM-LSI32T)
ispLSI1032E	PLCC	84	Yes	Y	(AM-LSI32)
ispLSI1032E	TQFP	100	Y	Y	(AM-LSI32T)
ispLSI1048	QFP	128	a	a	(AM-LSI48)
ispLSI1048C	QFP	128	a	a	(AM-LSI48C)
ispLSI2032	PLCC	44	Yes	Yes	(AM-LSI16)
ispLSI2032	TQFP	44	Yes	Yes	(AM-LSI16T)
ispLSI2032E	PLCC	44	a	a	(AJ-L44)*
ispLSI2032E	TQFP	44	a	a	(AJ-L44TQ)*
ispLSI2032VE	PLCC	44	a	a	(AJ-L44)*
ispLSI2032VE	TQFP	44	a	a	(AJ-L44TQ)*
ispLSI2064	PLCC	84	Yes	Y	(AM-LSI32)
ispLSI2064	TQFP	100	Y	Y	(AM-LSI32T)
ispLSI2064VE	PLCC	44	a	a	(AJ-L44)*
ispLSI2064VE	TQFP	44	a	a	(AJ-L44TQ)*
ispLSI2096	QFP	128	a	a	(AM-LSI48C)
ispLSI2128	QFP	160	a	a	(AM-L160Q)
ispLSI3256	QFP	160	a	a	(AM-L160Q)
ispLSI3256	PGA	167	a	a	(AM-L167G)
M4-128/64	PQFP	100	Y	Y	(AM-MV100)
M4-128N/64	PLCC	84	Yes	Y	
M4-32/32	PLCC	44	Yes	Yes	(AM-110)
M4-32/32	TQFP	44	Yes	Yes	
M4-64/32	PLCC	44	Yes	Yes	(AM-110)
M4-64/32	TQFP	44	Yes	Yes	
M4A3-32/32	PLCC	44	a	a	(AJ-V44)
M4A3-32/32	TQFP	44	a	a	(AJ-V44TQ)
M4A3-64/32	PLCC	44	a	a	(AJ-V44)
M4A3-64/32	TQFP	44	a	a	(AJ-V44TQ)

Device	Package	Pins	1084	1044	Module
M4A5-32/32	PLCC	44	a	a	(AJ-V44)
M4A5-32/32	TQFP	44	a	a	(AJ-V44TQ)
M4A5-64/32	PLCC	44	a	a	(AJ-V44)
M4A5-64/32	TQFP	44	a	a	(AJ-V44TQ)
M4LV-128/64	PQFP	100	Y	Y	(AM-MV100)
M4LV-128N/64	PLCC	84	Yes	Y	
M4LV-32/32	PLCC	44	Yes	Yes	(AM-110)
M4LV-32/32	TQFP	44	Yes	Yes	
M4LV-64/32	PLCC	44	Yes	Yes	(AM-110)
M4LV-64/32	TQFP	44	Yes	Yes	
MACH110	PLCC	44	Yes	Yes	(AM-110)
MACH111	PLCC	44	Yes	Yes	(AM-110)
MACH120	PLCC	68	Yes	Y	(AM-120)
MACH130	PLCC	84	Yes	Y	(AM-130)
MACH131	PLCC	84	Yes	Y	(AM-130)
MACH131/1	PLCC	84	Yes	Y	(AM-130)
MACH131sp	PQFP	100	Y	Y	(AM-MV100)
MACH210,210A,210AQ	PLCC	44	Yes	Yes	(AM-110)
MACH210,210A,210AQ	QFP	44	Yes	Yes	(AM-110Q)
MACH211	PLCC	44	Yes	Yes	(AM-110)
MACH211	QFP	44	Yes	Yes	(AM-110Q)
MACH211sp	PLCC	44	Yes	Yes	(AM-110)
MACH211sp	QFP	44	Yes	Yes	(AM-110Q)
MACH215	PLCC	44	Yes	Yes	(AM-110)
MACH220	PLCC	68	Yes	Y	(AM-120)
MACH221	PLCC	68	Yes	Y	(AM-120)
MACH221sp	PLCC	68	Yes	Y	(AM-120)
MACH230	PLCC	84	Yes	Y	(AM-130)
MACH231	PLCC	84	Yes	Y	(AM-130)
MACH231/1	PLCC	84	Yes	Y	(AM-130)
MACH231sp	QFP	100	Y	Y	(AM-MV100)
MACH355	QFP	144	a	a	(EM-MACH355)
MACH435	PLCC	84	Yes	Y	(AM-130)
MACH436	PLCC	84	Yes	Y	(AM-130)
MACH445	QFP	100	Y	Y	(AM-MV100)
MACH446	QFP	100	Y	Y	(AM-MV100)
MACH465	QFP	208	a	a	(AM-MV208)
MACH466	QFP	208	a	a	(AM-MV208)
MACH5-128/68	PQFP	100	Y	Y	(AM-MV100)
MACH5-128/68	TQFP	100	Y	Y	(AM-MV100T)
MACH5-128/120	QFP	160	a	a	(AM-MV160)
MACH5-192/68	PQFP	100	Y	Y	(AM-MV100)
MACH5-192/68	TQFP	100	Y	Y	(AM-MV100T)
MACH5-192/160	QFP	208	a	a	(AM-MV208)
MACH5-256/68	PQFP	100	Y	Y	(AM-MV100)
MACH5-256/68	TQFP	100	Y	Y	(AM-MV100T)
MACH5-256/160	QFP	208	a	.	(AM-MV208)
MACH5-320/160	QFP	208	a	.	(AM-MV208)
MACH5-384/160	QFP	208	a	.	(AM-MV208)
MACH5-512/160	QFP	208	a	.	(AM-MV208)
MACH5-LV320/160	QFP	208	a	.	(AM-MV208)
MACH5-LV384/160	QFP	208	a	.	(AM-MV208)
MACH5-LV512/160	QFP	208	a	.	(AM-MV208)
MACHLV210/A	PLCC	44	Yes	Yes	(AM-110)
MACHLV436	PLCC	84	Yes	Y	(AM-130)
MACHLV466	QFP	208	a	.	(AM-MV208)
RAL10H8	DIP/PLCC	20	Yes	Yes	

Device	Package	Pins	1084	1044	Module
RAL10L8	DIP/PLCC	20	Yes	Yes	
RAL10P8	DIP/PLCC	20	Yes	Yes	
RAL12H6	DIP/PLCC	20	Yes	Yes	
RAL12L6	DIP/PLCC	20	Yes	Yes	
RAL12P6	DIP/PLCC	20	Yes	Yes	
RAL14H4	DIP/PLCC	20	Yes	Yes	
RAL14L4	DIP/PLCC	20	Yes	Yes	
RAL14P4	DIP/PLCC	20	Yes	Yes	
RAL14H8	DIP/PLCC	20	Yes	Yes	
RAL14L8	DIP/PLCC	20	Yes	Yes	
RAL14P8	DIP/PLCC	20	Yes	Yes	
RAL16H2	DIP/PLCC	20	Yes	Yes	
RAL16L2	DIP/PLCC	20	Yes	Yes	
RAL16P2	DIP/PLCC	20	Yes	Yes	
RAL16H8	DIP/PLCC	20	Yes	Yes	
RAL16L8	DIP/PLCC	20	Yes	Yes	
RAL16P8	DIP/PLCC	20	Yes	Yes	
RAL16R4	DIP/PLCC	20	Yes	Yes	
RAL16RP4	DIP/PLCC	20	Yes	Yes	
RAL16R6	DIP/PLCC	20	Yes	Yes	
RAL16RP6	DIP/PLCC	20	Yes	Yes	
RAL16R8	DIP/PLCC	20	Yes	Yes	
RAL16RP8	DIP/PLCC	20	Yes	Yes	
RAL16H6	DIP/PLCC	20	Yes	Yes	
RAL16L6	DIP/PLCC	20	Yes	Yes	
RAL16P6	DIP/PLCC	20	Yes	Yes	
RAL18H4	DIP/PLCC	24/28	Yes	Yes	
RAL18L4	DIP/PLCC	24/28	Yes	Yes	
RAL18P4	DIP/PLCC	24/28	Yes	Yes	
RAL20H2	DIP/PLCC	24/28	Yes	Yes	
RAL20L2	DIP/PLCC	24/28	Yes	Yes	
RAL20P2	DIP/PLCC	24/28	Yes	Yes	
RAL20H8	DIP/PLCC	24/28	Yes	Yes	
RAL20L8	DIP/PLCC	24/28	Yes	Yes	
RAL20P8	DIP/PLCC	24/28	Yes	Yes	
RAL20R4	DIP/PLCC	24/28	Yes	Yes	
RAL20RP4	DIP/PLCC	24/28	Yes	Yes	
RAL20R6	DIP/PLCC	24/28	Yes	Yes	
RAL20RP6	DIP/PLCC	24/28	Yes	Yes	
RAL20R8	DIP/PLCC	24/28	Yes	Yes	
RAL20RP8	DIP/PLCC	24/28	Yes	Yes	

LGS

97C51	DIP/PLCC	40/44	Yes	Yes	
97C52	DIP/PLCC	40/44	Yes	Yes	
97C54	DIP/PLCC	40/44	Yes	Yes	
97C58	DIP/PLCC	40/44	Yes	Yes	
97L51	DIP/PLCC	40/44	Yes	Yes	
97L52	DIP/PLCC	40/44	Yes	Yes	

MACRONIX

26C512A	DIP/PLCC	28/32	Yes	Yes	
26C512A	TSOP	28	Yes	Yes	
26C1000	DIP/PLCC/TSOP	32	Yes	Yes	
26C1000A	DIP/PLCC/TSOP	32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
27C512	DIP/PLCC	28/32	Yes	Yes	
27C516	DIP/PLCC	40/44	Yes	Yes	
27C1000	DIP/PLCC	32	Yes	Yes	
27C1001	DIP/PLCC	32	Yes	Yes	
27C1024	DIP/PLCC	40/44	Yes	Yes	
27C1100	DIP	40	Yes	Yes	
27C2000	DIP/PLCC	32	Yes	Yes	
27C2048	DIP/PLCC	40/44	Yes	Yes	
27C2100	DIP	40	Yes	Yes	
27C4000	DIP/PLCC	32	Yes	Yes	
27C4096	DIP/PLCC	40/44	Yes	Yes	
27C4100	DIP	40	Yes	Yes	
27C4111	DIP	40	Yes	Yes	
27C8000	DIP/PLCC	32	Yes	Yes	
27C8100	DIP	42	Yes	Yes	
27C8111	DIP	42	Yes	Yes	
27L256	DIP/PLCC	28/32	Yes	Yes	
27L512	DIP/PLCC	28/32	Yes	Yes	
27L1000	DIP/PLCC/TSOP	32	Yes	Yes	
27L2000	DIP/PLCC/TSOP	32	Yes	Yes	
27L4000	DIP/PLCC/TSOP	32	Yes	Yes	
28F002T	TSOP	40	c	c	(c=TSOP-40A)
28F1000	DIP/PLCC	32	Yes	Yes	
28F1000P	DIP/PLCC	32	Yes	Yes	
28F2000P	DIP/PLCC	32	Yes	Yes	
28F2100	TSOP	48	b	b	(b=TS-48A)
28F4000	DIP/TSOP	32	Yes	Yes	
29F001B/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F002B/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F002NT	DIP/PLCC/TSOP	32	Yes	Yes	
29F004B/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F040B/T	DIP/PLCC/TSOP	32	Yes	Yes	
29F400BMC/TMC	PSOP	44	d	d	(d=SO-44A)
29F400BTC/TTC	TSOP	48	b	b	(b=TS-48A)
29F1610	PSOP	44	d	d	(d=SO-44A)
29F8100	PSOP	44	d	d	(d=SO-44A)
29L8100B/T	TSOP	48	b	b	(b=TS-48A)

MICROCHIP

MEMORIES

24AA01	DIP/SOIC/TSSOP	8	Yes	Yes	
24AA02	DIP/SOIC/TSSOP	8	Yes	Yes	
24AA04	DIP/SOIC/TSSOP	8	Yes	Yes	
24AA08	DIP/SOIC/TSSOP	8	Yes	Yes	
24AA16	DIP/SOIC/TSSOP	8	Yes	Yes	
24AA164	DIP/SOIC/TSSOP	8	Yes	Yes	
24AA32	DIP/SOIC/TSSOP	8	Yes	Yes	
24AA64	DIP/SOIC/TSSOP	8	Yes	Yes	
24AA65	DIP/SOIC/TSSOP	8	Yes	Yes	
24C00	DIP/SOIC/TSSOP	8	Yes	Yes	
24C01A	DIP/SOIC/TSSOP	8	Yes	Yes	
24C02A	DIP/SOIC/TSSOP	8	Yes	Yes	
24C04A	DIP/SOIC/TSSOP	8	Yes	Yes	
24C08B	DIP/SOIC/TSSOP	8	Yes	Yes	
24C16B	DIP/SOIC/TSSOP	8	Yes	Yes	
24C32	DIP/SOIC/TSSOP	8	Yes	Yes	

Device	Package	Pins	1084	1044	Module
24FC256	DIP/SOIC	8	Yes	Yes	
24FC256	TSSOP	14	Yes	Yes	
24LC01B	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC024	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC025	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC02B	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC04B	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC08B	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC128	DIP/SOIC	8	Yes	Yes	
24LC128	TSSOP	14	Yes	Yes	
24LC164	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC16B	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC21	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC256	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC256	TSSOP	14	Yes	Yes	
24LC32	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC32A	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC64	DIP/SOIC/TSSOP	8	Yes	Yes	
24LC65	DIP/SOIC/TSSOP	8	Yes	Yes	
24LCS52	DIP/SOIC/TSSOP	8	Yes	Yes	
25AA040	DIP/SOIC/TSSOP	8	Yes	Yes	
25AA080	DIP/SOIC/TSSOP	8	Yes	Yes	
25AA160	DIP/SOIC/TSSOP	8	Yes	Yes	
25AA640	DIP/SOIC/TSSOP	8	Yes	Yes	
25C040	DIP/SOIC/TSSOP	8	Yes	Yes	
25C080	DIP/SOIC/TSSOP	8	Yes	Yes	
25C160	DIP/SOIC/TSSOP	8	Yes	Yes	
25C320	DIP/SOIC/TSSOP	8	Yes	Yes	
25LC040	DIP/SOIC/TSSOP	8	Yes	Yes	
25LC080	DIP/SOIC/TSSOP	8	Yes	Yes	
25LC160	DIP/SOIC/TSSOP	8	Yes	Yes	
25LC320	DIP/SOIC/TSSOP	8	Yes	Yes	
25LC640	DIP/SOIC/TSSOP	8	Yes	Yes	
27C64	DIP/PLCC	28/32	Yes	Yes	
27C128	DIP/PLCC	28/32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27HC64	DIP/PLCC	28/32	Yes	Yes	
27HC256	DIP/PLCC	28/32	Yes	Yes	
27HC1616	DIP/PLCC	40/44	Yes	Yes	
28C04A	DIP/PLCC	24/32	Yes	Yes	
28C16A	DIP/PLCC	28/32	Yes	Yes	
28C17A	DIP/PLCC	28/32	Yes	Yes	
28C64A	DIP/PLCC	28/32	Yes	Yes	
37LV36	DIP/SOIC	8	Yes	Yes	
37LV65	DIP/SOIC	8	Yes	Yes	
37LV128	DIP/SOIC	8	Yes	Yes	
59C11	DIP/SOIC	8	Yes	Yes	
93AA46	DIP/SOIC/TSSOP	8	Yes	Yes	
93AA56	DIP/SOIC/TSSOP	8	Yes	Yes	
93AA66	DIP/SOIC/TSSOP	8	Yes	Yes	
93AA76	DIP/SOIC/TSSOP	8	Yes	Yes	
93AA86	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46B	DIP/SOIC/TSSOP	8	Yes	Yes	
93C56A	DIP/SOIC/TSSOP	8	Yes	Yes	
93C56B	DIP/SOIC/TSSOP	8	Yes	Yes	

Device	Package	Pins	1084	1044	Module
93C66A	DIP/SOIC/TSSOP	8	Yes	Yes	
93C66B	DIP/SOIC/TSSOP	8	Yes	Yes	
93C76	DIP/SOIC/TSSOP	8	Yes	Yes	
93C86	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC46	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC46A	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC46B	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC56	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC56A	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC56B	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC66	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC66A	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC66B	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC76	DIP/SOIC/TSSOP	8	Yes	Yes	
93LC86	DIP/SOIC/TSSOP	8	Yes	Yes	
93LCS56	DIP/SOIC/TSSOP	8	Yes	Yes	
93LCS66	DIP/SOIC/TSSOP	8	Yes	Yes	
PIC					
PIC12C508	DIP	8	Yes	Yes	
PIC12C508	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12C508_UV	DIP	8	Yes	Yes	
PIC12C508A	DIP	8	Yes	Yes	
PIC12C508A	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12C508A	SOIC(SN)	8	j	j	(j=SO-8B)
PIC12C508A_UV	DIP	8	Yes	Yes	
PIC12C509	DIP	8	Yes	Yes	
PIC12C509	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12C509_UV	DIP	8	Yes	Yes	
PIC12C509A	DIP	8	Yes	Yes	
PIC12C509A	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12C509A	SOIC(SN)	8	j	j	(j=SO-8B)
PIC12C509A_UV	DIP	8	Yes	Yes	
PIC12CE518	DIP	8	Yes	Yes	
PIC12CE518	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12CE518	SOIC(SN)	8	j	j	(j=SO-8B)
PIC12CE518_UV	DIP	8	Yes	Yes	
PIC12CE518A	DIP	8	Yes	Yes	
PIC12CE518A	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12CE518A	SOIC(SN)	8	j	j	(j=SO-8B)
PIC12CE518A_UV	DIP	8	Yes	Yes	
PIC12CE519	DIP	8	Yes	Yes	
PIC12CE519	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12CE519	SOIC(SN)	8	j	j	(j=SO-8B)
PIC12CE519_UV	DIP	8	Yes	Yes	
PIC12CR509A	DIP	8	Yes	Yes	
PIC12CR509A	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12CR509A	SOIC(SN)	8	j	j	(j=SO-8B)
PIC12C671	DIP	8	Yes	Yes	
PIC12C671	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12C671_UV	DIP	8	Yes	Yes	
PIC12C672	DIP	8	Yes	Yes	
PIC12C672	SOIC(SM)	8	k	k	(k=SO-8C)
PIC12C672_UV	DIP	8	Yes	Yes	
PIC12CE673	DIP	8	Yes	Yes	
PIC12CE673	SOIC	8	k	k	(k=SO-8C)
PIC12CE673_UV	DIP	8	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PIC12CE674	DIP	8	Yes	Yes	
PIC12CE674	SOIC	8	k	k	(k=SO-8C)
PIC12CE674_UV	DIP	8	Yes	Yes	
PIC12LC671	DIP	8	Yes	Yes	
PIC12LC671	SOIC	8	k	k	(k=SO-8C)
PIC12LC671UV	DIP	8	Yes	Yes	
PIC12LC672	DIP	8	Yes	Yes	
PIC12LC672	SOIC	8	k	k	(k=SO-8C)
PIC12LC672_UV	DIP	8	Yes	Yes	
PIC12LCE673_UV	DIP	8	Yes	Yes	
PIC12LCE673	SOIC	8	k	k	(k=SO-8C)
PIC12LCE673	DIP	8	Yes	Yes	
PIC12LCE674	DIP	8	Yes	Yes	
PIC12LCE674	SOIC	8	k	k	(k=SO-8C)
PIC12LCE674_UV	DIP	8	Yes	Yes	
PIC14000	DIP	28	Yes	Yes	
PIC14000	SOIC	28	Yes	Yes	
PIC14000	SSOP	28	Yes	Yes	
PIC16C505	DIP	14	Yes	Yes	
PIC16C505	SOIC	14	g	g	(g=SO-16B)
PIC16C505_UV	DIP	14	Yes	Yes	
PIC16C505_UV	SOIC	14	g	g	(g=SO-16B)
PIC16C52	DIP	18	Yes	Yes	
PIC16C52	SOIC	18	Yes	Yes	
PIC16C52	SSOP	20	Yes	Yes	
PIC16C54,54A,54B,54C	DIP	18	Yes	Yes	
PIC16C54,54A,54B,54C	SOIC	18	Yes	Yes	
PIC16C54,54A,54B,54C	SSOP	20	Yes	Yes	
PIC16C55,55A	DIP	28	Yes	Yes	
PIC16C55,55A	SOIC	28	Yes	Yes	
PIC16C55,55A	SSOP	28	Yes	Yes	
PIC16C554	DIP	18	Yes	Yes	
PIC16C554	SOIC	18	Yes	Yes	
PIC16C554	SSOP	20	Yes	Yes	
PIC16C556	DIP	18	Yes	Yes	
PIC16C556	SOIC	18	Yes	Yes	
PIC16C556	SSOP	20	Yes	Yes	
PIC16C558	DIP	18	Yes	Yes	
PIC16C558	SOIC	18	Yes	Yes	
PIC16C558	SSOP	20	Yes	Yes	
PIC16C56,56A	DIP	18	Yes	Yes	
PIC16C56,56A	SOIC	18	Yes	Yes	
PIC16C56,56A	SSOP	20	Yes	Yes	
PIC16C57,57A,57C	DIP	28	Yes	Yes	
PIC16C57,57A,57C	SOIC	28	Yes	Yes	
PIC16C57,57A,57C	SSOP	28	Yes	Yes	
PIC16C58A,58B	DIP	18	Yes	Yes	
PIC16C58A,58B	SOIC	18	Yes	Yes	
PIC16C58A,58B	SSOP	20	Yes	Yes	
PIC16C61	DIP	18	Yes	Yes	
PIC16C61	SOIC	18	Yes	Yes	
PIC16C61	SSOP	20	Yes	Yes	
PIC16C62,62A,62B	DIP	28	Yes	Yes	
PIC16C62,62A,62B	SOIC	28	Yes	Yes	
PIC16C62,62A,62B	SSOP	28	Yes	Yes	
PIC16C620	DIP	18	Yes	Yes	
PIC16C620	SOIC	18	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PIC16C620	SSOP	20	Yes	Yes	
PIC16C620A	DIP	18	Yes	Yes	
PIC16C620A	SOIC	18	Yes	Yes	
PIC16C620A-SS	SSOP	20	Yes	Yes	
PIC16C621	DIP	18	Yes	Yes	
PIC16C621	SOIC	18	Yes	Yes	
PIC16C621	SSOP	20	Yes	Yes	
PIC16C621A	DIP	18	Yes	Yes	
PIC16C621A	SOIC	18	Yes	Yes	
PIC16C621A-SS	SSOP	20	Yes	Yes	
PIC16C622	DIP	18	Yes	Yes	
PIC16C622	SOIC	18	Yes	Yes	
PIC16C622	SSOP	20	Yes	Yes	
PIC16C622A	DIP	18	Yes	Yes	
PIC16C622A	SOIC	18	Yes	Yes	
PIC16C622A-SS	SSOP	20	Yes	Yes	
PIC16C63,63A	DIP	28	Yes	Yes	
PIC16C63,63A	SOIC	28	Yes	Yes	
PIC16C63,63A	SSOP	28	Yes	Yes	
PIC16C64,64A	DIP/PLCC	40/44	Yes	Yes	
PIC16C64,64A	QFP	44	Yes	Yes	
PIC16C641	DIP	28	Yes	Yes	
PIC16C641	SOIC	28	Yes	Yes	
PIC16C642	DIP	28	Yes	Yes	
PIC16C642	SOIC	28	Yes	Yes	
PIC16C65,65A,65B	DIP/PLCC	40/44	Yes	Yes	
PIC16C65,65A,65B	QFP	44	Yes	Yes	
PIC16C66	DIP	28	Yes	Yes	
PIC16C66	SOIC	28	Yes	Yes	
PIC16C66	SSOP	28	Yes	Yes	
PIC16C661	DIP/PLCC	40/44	Yes	Yes	
PIC16C662	DIP/PLCC	40/44	Yes	Yes	
PIC16C67	DIP/PLCC	40/44	Yes	Yes	
PIC16C71	DIP	18	Yes	Yes	
PIC16C71	SOIC	18	Yes	Yes	
PIC16C71	SSOP	20	Yes	Yes	
PIC16C710	DIP	18	Yes	Yes	
PIC16C710	SOIC	18	Yes	Yes	
PIC16C710	SSOP	20	Yes	Yes	
PIC16C711	DIP	18	Yes	Yes	
PIC16C711	SOIC	18	Yes	Yes	
PIC16C711	SSOP	20	Yes	Yes	
PIC16C712	DIP	18	Yes	Yes	
PIC16C712	SOIC	18	Yes	Yes	
PIC16C712	SSOP	20	Yes	Yes	
PIC16C715	DIP	18	Yes	Yes	
PIC16C715	SOIC	18	Yes	Yes	
PIC16C715	SSOP	20	Yes	Yes	
PIC16C716	DIP	18	Yes	Yes	
PIC16C716	SOIC	18	Yes	Yes	
PIC16C716	SSOP	20	Yes	Yes	
PIC16C72,72A	DIP/SOIC/SSOP	28	Yes	Yes	
PIC16C73,73A,73B	DIP/SOIC/SSOP	28	Yes	Yes	
PIC16C74	DIP/PLCC	40/44	Yes	Yes	
PIC16C74	QFP	44	Yes	Yes	
PIC16C74A,74B	DIP/PLCC	40/44	Yes	Yes	
PIC16C74A,74B	QFP	44	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PIC16C745	DIP/SOIC/SSOP	28	Yes	Yes	
PIC16C76	DIP/SOIC/SSOP	28	Yes	Yes	
PIC16C765	DIP/PLCC	40/44	Yes	Yes	
PIC16C77	DIP/PLCC	40/44	Yes	Yes	
PIC16C773	DIP/SOIC/SSOP	28	Yes	Yes	
PIC16C774	DIP/PLCC	40/44	Yes	Yes	
PIC16C84	DIP	18	Yes	Yes	
PIC16C84	SOIC	18	Yes	Yes	
PIC16C84	SSOP	20	Yes	Yes	
PIC16C923	PLCC	68	Yes	h	(h=AM-PIC68)
PIC16C924	PLCC	68	Yes	h	(h=AM-PIC68)
PIC16CE623	DIP	18	Yes	Yes	
PIC16CE623	SOIC	18	Yes	Yes	
PIC16CE623	SSOP	20	Yes	Yes	
PIC16CE624	DIP	18	Yes	Yes	
PIC16CE624	SOIC	18	Yes	Yes	
PIC16CE624	SSOP	20	Yes	Yes	
PIC16CE625	DIP	18	Yes	Yes	
PIC16CE625	SOIC	18	Yes	Yes	
PIC16CE625	SSOP	20	Yes	Yes	
PIC16CR54A,54B,54C	DIP	18	Yes	Yes	
PIC16CR54A,54B,54C	SOIC	18	Yes	Yes	
PIC16CR54A,54B,54C	SSOP	20	Yes	Yes	
PIC16CR56A	DIP	18	Yes	Yes	
PIC16CR56A	SOIC	18	Yes	Yes	
PIC16CR56A	SSOP	20	Yes	Yes	
PIC16CR57B,57C	DIP	28	Yes	Yes	
PIC16CR57B,57C	SOIC	28	Yes	Yes	
PIC16CR57B,57C	SSOP	28	Yes	Yes	
PIC16CR58A,58B	DIP	18	Yes	Yes	
PIC16CR58A,58B	SOIC	18	Yes	Yes	
PIC16CR58A,58B	SSOP	20	Yes	Yes	
PIC16CR83	DIP	18	Yes	Yes	
PIC16CR83	SOIC	18	Yes	Yes	
PIC16CR83	SSOP	20	Yes	Yes	
PIC16CR84	DIP	18	Yes	Yes	
PIC16CR84	SOIC	18	Yes	Yes	
PIC16CR84	SSOP	20	Yes	Yes	
PIC16F627	DIP	18	Yes	Yes	
PIC16F627	SOIC	18	Yes	Yes	
PIC16F627	SSOP	20	Yes	Yes	
PIC16F628	DIP	18	Yes	Yes	
PIC16F628	SOIC	18	Yes	Yes	
PIC16F628	SSOP	20	Yes	Yes	
PIC16F83	DIP	18	Yes	Yes	
PIC16F83	SOIC	18	Yes	Yes	
PIC16F83	SSOP	20	Yes	Yes	
PIC16F84	DIP	18	Yes	Yes	
PIC16F84	SOIC	18	Yes	Yes	
PIC16F84	SSOP	20	Yes	Yes	
PIC16F870	DIP	28	Yes	Yes	
PIC16F870	SOIC	28	Yes	Yes	
PIC16F870	SSOP	28	Yes	Yes	
PIC16F871	DIP	40	Yes	Yes	
PIC16F871	PLCC	44	Yes	Yes	
PIC16F872	DIP	28	Yes	Yes	
PIC16F872	SOIC	28	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PIC16F872	SSOP	28	Yes	Yes	
PIC16F873	DIP	28	Yes	Yes	
PIC16F873	SOIC	28	Yes	Yes	
PIC16F874	DIP	40	Yes	Yes	
PIC16F874	PLCC	44	Yes	Yes	
PIC16F874	TQFP	44	Yes	Yes	
PIC16F876	DIP	28	Yes	Yes	
PIC16F876	SOIC	28	Yes	Yes	
PIC16F877	DIP	40	Yes	Yes	
PIC16F877	PLCC	44	Yes	Yes	
PIC16F877	TQFP	44	Yes	Yes	
PIC16F877	MQFP	44	Yes	Yes	
PIC16LC505	DIP	14	Yes	Yes	
PIC16LC505	SOIC	14	g	g	(g=SO-16B)
PIC16LC505_UV	DIP	14	Yes	Yes	
PIC16LC505_UV	SOIC	14	g	g	(g=SO-16B)
PIC16LC61	DIP	18	Yes	Yes	
PIC16LC61	SOIC	18	Yes	Yes	
PIC16LC61	SSOP	20	Yes	Yes	
PIC16LC62,62A,62B	DIP	28	Yes	Yes	
PIC16LC62,62A,62B	SOIC	28	Yes	Yes	
PIC16LC62,62A,62B	SSOP	28	Yes	Yes	
PIC16LC620,620A	DIP	18	Yes	Yes	
PIC16LC620,620A	SOIC	18	Yes	Yes	
PIC16LC620A-SS	SSOP	20	Yes	Yes	
PIC16LC621,621A	DIP	18	Yes	Yes	
PIC16LC621,621A	SOIC	18	Yes	Yes	
PIC16LC621A-SS	SSOP	20	Yes	Yes	
PIC16LC622,622A	DIP	18	Yes	Yes	
PIC16LC622,622A	SOIC	18	Yes	Yes	
PIC16LC622A-SS	SSOP	20	Yes	Yes	
PIC16LC63,63A	DIP	28	Yes	Yes	
PIC16LC63,63A	SOIC	28	Yes	Yes	
PIC16LC63,63A	SSOP	28	Yes	Yes	
PIC16LC64	DIP/PLCC	40/44	Yes	Yes	
PIC16LC64	QFP	44	Yes	Yes	
PIC16LC641	DIP	28	Yes	Yes	
PIC16LC641	SOIC	28	Yes	Yes	
PIC16LC642	DIP	28	Yes	Yes	
PIC16LC642	SOIC	28	Yes	Yes	
PIC16LC64A	DIP/PLCC	40/44	Yes	Yes	
PIC16LC64A	QFP	44	Yes	Yes	
PIC16LC65,65A,65B	DIP/PLCC	40/44	Yes	Yes	
PIC16LC65,65A,65B	QFP	44	Yes	Yes	
PIC16LC66	DIP	28	Yes	Yes	
PIC16LC66	SOIC	28	Yes	Yes	
PIC16LC66	SSOP	28	Yes	Yes	
PIC16LC661	DIP/PLCC	40/44	Yes	Yes	
PIC16LC662	DIP/PLCC	40/44	Yes	Yes	
PIC16LC67	DIP/PLCC	40/44	Yes	Yes	
PIC16LC71	DIP	18	Yes	Yes	
PIC16LC71	SOIC	18	Yes	Yes	
PIC16LC71	SSOP	20	Yes	Yes	
PIC16LC710	DIP	18	Yes	Yes	
PIC16LC710	SOIC	18	Yes	Yes	
PIC16LC710	SSOP	20	Yes	Yes	
PIC16LC711	DIP	18	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PIC16LC711	SOIC	18	Yes	Yes	
PIC16LC711	SSOP	20	Yes	Yes	
PIC16LC72,72A	DIP	28	Yes	Yes	
PIC16LC72,72A	SOIC	28	Yes	Yes	
PIC16LC72,72A	SSOP	28	Yes	Yes	
PIC16LC73,73A,73B	DIP	28	Yes	Yes	
PIC16LC73,73A,73B	SOIC	28	Yes	Yes	
PIC16LC73,73A,73B	SSOP	28	Yes	Yes	
PIC16LC74	DIP/PLCC	40/44	Yes	Yes	
PIC16LC74	QFP	44	Yes	Yes	
PIC16LC74A,74B	DIP/PLCC	40/44	Yes	Yes	
PIC16LC74A,74B	QFP	44	Yes	Yes	
PIC16LC76	DIP	28	Yes	Yes	
PIC16LC77	DIP/PLCC	40/44	Yes	Yes	
PIC16LC773	DIP/SOIC/SSOP	28	Yes	Yes	
PIC16LC774	DIP/PLCC	40/44	Yes	Yes	
PIC16LC923	PLCC	68	Yes	h	(h=AM-PIC68)
PIC16LC924	PLCC	68	Yes	h	(h=AM-PIC68)
PIC16LF627	DIP	18	Yes	Yes	
PIC16LF627	SOIC	18	Yes	Yes	
PIC16LF627	SSOP	20	Yes	Yes	
PIC16LF628	DIP	18	Yes	Yes	
PIC16LF628	SOIC	18	Yes	Yes	
PIC16LF628	SSOP	20	Yes	Yes	
PIC16LF870	DIP	28	Yes	Yes	
PIC16LF870	SOIC	28	Yes	Yes	
PIC16LF870	SSOP	28	Yes	Yes	
PIC16LF871	DIP	40	Yes	Yes	
PIC16LF871	PLCC	44	Yes	Yes	
PIC16LF872	DIP	28	Yes	Yes	
PIC16LF872	SOIC	28	Yes	Yes	
PIC16LF872	SSOP	28	Yes	Yes	
PIC16LF873	DIP	28	Yes	Yes	
PIC16LF873	SOIC	28	Yes	Yes	
PIC16LF874	DIP	40	Yes	Yes	
PIC16LF874	PLCC	44	Yes	Yes	
PIC16LF874	TQFP	44	Yes	Yes	
PIC16LF876	DIP	28	Yes	Yes	
PIC16LF876	SOIC	28	Yes	Yes	
PIC16LF877	DIP	40	Yes	Yes	
PIC16LF877	PLCC	44	Yes	Yes	
PIC16LF877	TQFP	44	Yes	Yes	
PIC16LF877	MQFP	44	Yes	Yes	
PIC17C42	DIP/PLCC	40/44	Yes	Yes	
PIC17C42	QFP	44	Yes	Yes	
PIC17C42A	DIP/PLCC	40/44	Yes	Yes	
PIC17C42A	QFP	44	Yes	Yes	
PIC17CR42A	DIP/PLCC	40/44	Yes	Yes	
PIC17CR42A	QFP	44	Yes	Yes	
PIC17C43	DIP/PLCC	40/44	Yes	Yes	
PIC17C43	QFP	44	Yes	Yes	
PIC17CR43	DIP/PLCC	40/44	Yes	Yes	
PIC17CR43	QFP	44	Yes	Yes	
PIC17C44	DIP/PLCC	40/44	Yes	Yes	
PIC17C44	QFP	44	Yes	Yes	
PIC17C752	PLCC	68	Yes	h	(h=AM-PIC68)
PIC17C752	TQFP	64	Yes	.	(UA-64TQ)

Device	Package	Pins	1084	1044	Module
PIC17C756	PLCC	68	Yes	h	(h=AM-PIC68)
PIC17C756	TQFP	64	Yes	.	(UA-64TQ)
PIC17C756A	PLCC	68	Yes	h	(h=AM-PIC68)
PIC17C756A	TQFP	64	Yes	.	(UA-64TQ)
PIC17C762	PLCC	84	Yes	.	
PIC17C766	PLCC	84	Yes	.	
PIC17LC762	PLCC	84	Yes	.	
PIC17LC766	PLCC	84	Yes	.	

MICRON

28F002B1VG	TSOP	40	a	a	(a=TSOP-40A)
28F002B3VG	TSOP	40	a	a	(a=TSOP-40A)
28F002B5VG	TSOP	40	a	a	(a=TSOP-40A)
28F004B1VG	TSOP	40	a	a	(a=TSOP-40A)
28F004B3VG	TSOP	40	a	a	(a=TSOP-40A)
28F004B5VG	TSOP	40	a	a	(a=TSOP-40A)
28F008B1VG	TSOP	40	a	a	(a=TSOP-40A)
28F008B3VG	TSOP	40	a	a	(a=TSOP-40A)
28F008B5VG	TSOP	40	a	a	(a=TSOP-40A)
28F016S3VG	TSOP	40	b	b	(b=TSOP-40E)
28F016S5VG	TSOP	40	b	b	(b=TSOP-40E)
28F200B1SG	PSOP	44	c	c	(c=SO-44A)
28F200B1WG	TSOP	48	d	d	(d=TS-48A)
28F200B3SG	PSOP	44	c	c	(c=SO-44A)
28F200B3WG	TSOP	48	d	d	(d=TS-48A)
28F200B5SG	PSOP	44	c	c	(c=SO-44A)
28F200B5WG	TSOP	48	d	d	(d=TS-48A)
28F400B1SG	PSOP	44	c	c	(c=SO-44A)
28F400B1WG	TSOP	48	d	d	(d=TS-48A)
28F400B3SG	PSOP	44	c	c	(c=SO-44A)
28F400B3WG	TSOP	48	d	d	(d=TS-48A)
28F400B5SG	PSOP	44	c	c	(c=SO-44A)
28F400B5WG	TSOP	48	d	d	(d=TS-48A)
28F800B1SG	PSOP	44	c	c	(c=SO-44A)
28F800B1WG	TSOP	48	d	d	(d=TS-48A)
28F800B3SG	PSOP	44	c	c	(c=SO-44A)
28F800B3WG	TSOP	48	d	d	(d=TS-48A)
28F800B5SG	PSOP	44	c	c	(c=SO-44A)
28F800B5WG	TSOP	48	d	d	(d=TS-48A)

MITSUBISHI

2764	DIP/PLCC	28/32	Yes	Yes	
27128	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27512	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27C100	DIP/PLCC	32	Yes	Yes	
27C101	DIP/PLCC	32	Yes	Yes	
27C201	DIP/PLCC	32	Yes	Yes	
27C401	DIP/PLCC	32	Yes	Yes	
27C102	DIP/PLCC	40/44	Yes	Yes	
27C202	DIP/PLCC	40/44	Yes	Yes	
27C402	DIP/PLCC	40/44	Yes	Yes	
M5L27128	DIP/PLCC	32	Yes	Yes	
M5M27C128	DIP/PLCC	32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
MMI					
MEMORIES					
53S080	DIP	16	Yes	Yes	
53S081,A	DIP	16	Yes	Yes	
53S140	DIP	16	Yes	Yes	
53S141	DIP	16	Yes	Yes	
53S1641,A	DIP	20	Yes	Yes	
53S1681,A	DIP	24	Yes	Yes	
53S240	DIP	16	Yes	Yes	
53S241	DIP	16	Yes	Yes	
53S280	DIP	20	Yes	Yes	
53S281	DIP	20	Yes	Yes	
53S285	DIP	24	Yes	Yes	
53S3281,A	DIP	24	Yes	Yes	
53S440	DIP	18	Yes	Yes	
53S441,A	DIP	18	Yes	Yes	
53S480	DIP	20	Yes	Yes	
53S481	DIP	20	Yes	Yes	
53S485	DIP	24	Yes	Yes	
53S6481	DIP	24	Yes	Yes	
53S840	DIP	18	Yes	Yes	
53S841,A	DIP	18	Yes	Yes	
53S880	DIP	24	Yes	Yes	
53S881,A	DIP	24	Yes	Yes	
63S080	DIP	16	Yes	Yes	
63S081,A	DIP	16	Yes	Yes	
63S140	DIP	16	Yes	Yes	
63S141	DIP	16	Yes	Yes	
63S1641,A	DIP	20	Yes	Yes	
63S1681,A	DIP	24	Yes	Yes	
63S240	DIP	16	Yes	Yes	
63S241	DIP	16	Yes	Yes	
63S280	DIP	20	Yes	Yes	
63S281	DIP	20	Yes	Yes	
63S285	DIP	24	Yes	Yes	
63S3281,A	DIP	24	Yes	Yes	
63S440	DIP	18	Yes	Yes	
63S441,441A	DIP	18	Yes	Yes	
63S480	DIP	20	Yes	Yes	
63S481	DIP	20	Yes	Yes	
63S485	DIP	24	Yes	Yes	
63S6481	DIP	24	Yes	Yes	
63S840	DIP	18	Yes	Yes	
63S841,841A	DIP	18	Yes	Yes	
63S880	DIP	24	Yes	Yes	
63S881	DIP	24	Yes	Yes	
63RS881	DIP	24	Yes	Yes	
63RS881A	DIP	24	Yes	Yes	
63S881A	DIP	24	Yes	Yes	

MOTOROLA**MICRO**

68HC05B6	PLCC	52	a	.	(AM-B6)
68HC05B8	PLCC	52	a	.	(AM-B6)

Device	Package	Pins	1084	1044	Module
68HC05B16	PLCC	52	a	.	(AM-B6)
68HC05B32	PLCC	52	a	.	(AM-B6)
68HC11A1	PLCC	52	a	a	(AM-A1)
68HC11A8	PLCC	52	a	a	(AM-A1)
68HC11E1	PLCC	52	a	a	(AM-A1)
68HC11E9	PLCC	52	a	a	(AM-E9)
68HC11E9	QFP	64	a	a	(AM-E9Q)
68HC11E20	PLCC	52	a	a	(AM-E9)
68HC11F1	PLCC	68	a	a	(AM-F1)
68HC705B5	PLCC	52	a	.	(AM-B6)
68HC705B5	QFP	64	a	.	(AM-B6Q)
68HC705B16	PLCC	52	a	.	(AM-B6)
68HC705B16	QFP	64	a	.	(AM-B6Q)
68HC705B32	PLCC	52	a	.	(AM-B6)
68HC705B32	QFP	64	a	.	(AM-B6Q)
68HC705C4	DIP/PLCC	40/44	a	a	(AM-C9)
68HC705C4A	DIP/PLCC	40/44	a	a	(AM-C9)
68HC705C4A	QFP	44	a	a	(AM-C9Q)
68HC705C8	DIP/PLCC	40/44	a	a	(AM-C9)
68HC705C8A	DIP/PLCC	40/44	a	a	(AM-C9)
68HC705C8A	QFP	44	a	a	(AM-C9Q)
68HC705C9	DIP/PLCC	40/44	a	a	(AM-C9)
68HC705C9A	DIP/PLCC	40/44	a	a	(AM-C9)
68HC705C9A	QFP	44	a	a	(AM-C9Q)
68HC705J1	DIP	20	a	a	(AM-J2D)
68HC705J2	DIP	20	a	a	(AM-J2D)
68HC705J2	SOIC	20	a	a	(AM-J2SO)
68HC705P6	DIP	28	a	a	(AM-P9D)
68HC705P6	SOIC	28	a	a	(AM-P9SO)
68HC705P6A	DIP	28	a	a	(AM-P9D)
68HC705P6A	SOIC	28	a	a	(AM-P9SO)
68HC705P9	DIP	28	a	a	(AM-P9D)
68HC705P9	SOIC	28	a	a	(AM-P9SO)
68HC705X32	PLCC	52	a	.	(AM-B6)
68HC705X32	QFP	64	a	.	(AM-B6Q)
68HC708XL36	QFP	64	a	a	(AM-XL36Q)
68HC711D3	PLCC	44	Yes	Yes	(AM-D3)
68HC711D3	DIP	40	Yes	Yes	(AM-D3D)
68HC711E9	PLCC	52	a	a	(AM-E9)
68HC711E9	QFP	64	a	a	(AM-E9Q)
68HC711E20	PLCC	52	a	a	(AM-E9)
68HC711E20	QFP	64	a	a	(AM-E9Q)
68HC711E32	PLCC	52	a	a	(AM-E9)
68HC711L6	PLCC	68	a	a	(AM-L6)
68HC711P2	PLCC	84	Yes	a	(AM-K4)
68HC811E2	PLCC	52	a	a	(AM-A1)
68SEC811E2	PLCC	52	a	a	(AM-A1)

NATIONAL

PLD

GAL16V8,V8A,V8QS	DIP/PLCC	20	Yes	Yes	
GAL20V8,V8A,V8QS	DIP/PLCC	24/28	Yes	Yes	
GAL20RA10	DIP/PLCC	24/28	Yes	Yes	
GAL22V10	DIP/PLCC	24/28	Yes	Yes	
PAL10H8,H8A	DIP/PLCC	20	Yes	Yes	
PAL10L8,L8A	DIP/PLCC	20	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PAL12H6,H6A	DIP/PLCC	20	Yes	Yes	
PAL12L6,L6A	DIP/PLCC	20	Yes	Yes	
PAL14H4,H4A	DIP/PLCC	20	Yes	Yes	
PAL14L4,L4A	DIP/PLCC	20	Yes	Yes	
PAL14L8	DIP/PLCC	20	Yes	Yes	
PAL16C1,C1A	DIP/PLCC	20	Yes	Yes	
PAL16H2,H2A	DIP/PLCC	20	Yes	Yes	
PAL16L2,L2A	DIP/PLCC	20	Yes	Yes	
PAL16L6,L6A	DIP/PLCC	20	Yes	Yes	
PAL16L8A,L8B	DIP/PLCC	20	Yes	Yes	
PAL16R4A,R4B	DIP/PLCC	20	Yes	Yes	
PAL16R6,R6A,R6B	DIP/PLCC	20	Yes	Yes	
PAL16R8,R8A,R8B	DIP/PLCC	24/28	Yes	Yes	
PAL18L4	DIP/PLCC	24/28	Yes	Yes	
PAL20C1	DIP/PLCC	24/28	Yes	Yes	
PAL20L2	DIP/PLCC	24/28	Yes	Yes	
PAL20L8A	DIP/PLCC	24/28	Yes	Yes	
PAL20L10	DIP/PLCC	24/28	Yes	Yes	
PAL20R4A	DIP/PLCC	24/28	Yes	Yes	
PAL20R6A	DIP/PLCC	24/28	Yes	Yes	
PAL20R8A	DIP/PLCC	24/28	Yes	Yes	
PAL20X4	DIP/PLCC	24/28	Yes	Yes	
PAL20X8	DIP/PLCC	24/28	Yes	Yes	
PAL20X10	DIP/PLCC	24/28	Yes	Yes	
RAL10H8	DIP/PLCC	20	Yes	Yes	
RAL10L8	DIP/PLCC	20	Yes	Yes	
RAL10P8	DIP/PLCC	20	Yes	Yes	
RAL12H6	DIP/PLCC	20	Yes	Yes	
RAL12L6	DIP/PLCC	20	Yes	Yes	
RAL12P6	DIP/PLCC	20	Yes	Yes	
RAL14H4	DIP/PLCC	20	Yes	Yes	
RAL14L4	DIP/PLCC	20	Yes	Yes	
RAL14P4	DIP/PLCC	20	Yes	Yes	
RAL14H8	DIP/PLCC	20	Yes	Yes	
RAL14L8	DIP/PLCC	20	Yes	Yes	
RAL14P8	DIP/PLCC	20	Yes	Yes	
RAL16H2	DIP/PLCC	20	Yes	Yes	
RAL16L2	DIP/PLCC	20	Yes	Yes	
RAL16P2	DIP/PLCC	20	Yes	Yes	
RAL16H8	DIP/PLCC	20	Yes	Yes	
RAL16L8	DIP/PLCC	20	Yes	Yes	
RAL16P8	DIP/PLCC	20	Yes	Yes	
RAL16R4	DIP/PLCC	20	Yes	Yes	
RAL16RP4	DIP/PLCC	20	Yes	Yes	
RAL16R6	DIP/PLCC	20	Yes	Yes	
RAL16RP6	DIP/PLCC	20	Yes	Yes	
RAL16R8	DIP/PLCC	20	Yes	Yes	
RAL16RP8	DIP/PLCC	20	Yes	Yes	
RAL16H6	DIP/PLCC	20	Yes	Yes	
RAL16L6	DIP/PLCC	20	Yes	Yes	
RAL16P6	DIP/PLCC	20	Yes	Yes	
RAL18H4	DIP/PLCC	24/28	Yes	Yes	
RAL18L4	DIP/PLCC	24/28	Yes	Yes	
RAL18P4	DIP/PLCC	24/28	Yes	Yes	
RAL20H2	DIP/PLCC	24/28	Yes	Yes	
RAL20L2	DIP/PLCC	24/28	Yes	Yes	
RAL20P2	DIP/PLCC	24/28	Yes	Yes	

Device	Package	Pins	1084	1044	Module
RAL20H8	DIP/PLCC	24/28	Yes	Yes	
RAL20L8	DIP/PLCC	24/28	Yes	Yes	
RAL20P8	DIP/PLCC	24/28	Yes	Yes	
RAL20R4	DIP/PLCC	24/28	Yes	Yes	
RAL20RP4	DIP/PLCC	24/28	Yes	Yes	
RAL20R6	DIP/PLCC	24/28	Yes	Yes	
RAL20RP6	DIP/PLCC	24/28	Yes	Yes	
RAL20R8	DIP/PLCC	24/28	Yes	Yes	
RAL20RP8	DIP/PLCC	24/28	Yes	Yes	
PAL10012C4A	DIP/PLCC	24/28	Yes	Yes	
PAL10016LC4	DIP/PLCC	24/28	Yes	Yes	
PAL10016LC8	DIP/PLCC	24/28	Yes	Yes	
PAL10016LD4	DIP/PLCC	24/28	Yes	Yes	
PAL10016LD8	DIP/PLCC	24/28	Yes	Yes	
PAL10016P4	DIP/PLCC	24/28	Yes	Yes	
PAL10016P8	DIP/PLCC	24/28	Yes	Yes	
PAL10016P8-3	DIP/PLCC	24/28	Yes	Yes	
PAL10016PE8	DIP/PLCC	24/28	Yes	Yes	
PAL10016RC4	DIP/PLCC	24/28	Yes	Yes	
PAL10016RC8	DIP/PLCC	24/28	Yes	Yes	
PAL10016RD4	DIP/PLCC	24/28	Yes	Yes	
PAL10016RD8	DIP/PLCC	24/28	Yes	Yes	
PAL1012C4A	DIP/PLCC	24/28	Yes	Yes	
PAL1016LC4	DIP/PLCC	24/28	Yes	Yes	
PAL1016LC8	DIP/PLCC	24/28	Yes	Yes	
PAL1016LD4	DIP/PLCC	24/28	Yes	Yes	
PAL1016LD8	DIP/PLCC	24/28	Yes	Yes	
PAL1016P4	DIP/PLCC	24/28	Yes	Yes	
PAL1016P8	DIP/PLCC	24/28	Yes	Yes	
PAL1016P8-3	DIP/PLCC	24/28	Yes	Yes	
PAL1016PE8	DIP/PLCC	24/28	Yes	Yes	
PAL1016RC4	DIP/PLCC	24/28	Yes	Yes	
PAL1016RC8	DIP/PLCC	24/28	Yes	Yes	
PAL1016RD4	DIP/PLCC	24/28	Yes	Yes	
PAL1016RD8	DIP/PLCC	24/28	Yes	Yes	

MEMORIES

24C01C	DIP/SOIC	8	Yes	Yes	
24C02	DIP/SOIC	8	Yes	Yes	
24C02A	DIP/SOIC	8	Yes	Yes	
24C02C	DIP/SOIC	8	Yes	Yes	
24C03	DIP/SOIC	8	Yes	Yes	
24C04	DIP/SOIC	8	Yes	Yes	
24C04C	DIP/SOIC	8	Yes	Yes	
24C05	DIP/SOIC	8	Yes	Yes	
24C08	DIP/SOIC	8	Yes	Yes	
24C08C	DIP/SOIC	8	Yes	Yes	
24C09	DIP/SOIC	8	Yes	Yes	
24C16	DIP/SOIC	8	Yes	Yes	
24C17	DIP/SOIC	8	Yes	Yes	
25C01	DIP/SOIC	8	Yes	Yes	
25C01C	DIP/SOIC	8	Yes	Yes	
25C02A	DIP/SOIC	8	Yes	Yes	
25C02C	DIP/SOIC	8	Yes	Yes	
25C04	DIP/SOIC	8	Yes	Yes	
25C04C	DIP/SOIC	8	Yes	Yes	
25C08	DIP/SOIC	8	Yes	Yes	

Device	Package	Pins	1084	1044	Module
25C08C	DIP/SOIC	8	Yes	Yes	
27C16	DIP/PLCC	24/32	Yes	Yes	
27C16B	DIP/PLCC	24/32	Yes	Yes	
27C16H	DIP/PLCC	24/32	Yes	Yes	
27C32	DIP/PLCC	24/32	Yes	Yes	
27C32B	DIP/PLCC	28/32	Yes	Yes	
27C32H	DIP/PLCC	28/32	Yes	Yes	
27C64	DIP/PLCC	28/32	Yes	Yes	
27C128	DIP/PLCC	28/32	Yes	Yes	
27CP128	DIP/PLCC	28/32	Yes	Yes	
27C240	DIP/PLCC	40/44	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27C257	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27C010	DIP/PLCC	32	Yes	Yes	
27C020	DIP/PLCC	32	Yes	Yes	
27C040	DIP/PLCC	32	Yes	Yes	
27C210	DIP/PLCC	40/44	Yes	Yes	
27LC64	DIP/PLCC	28/32	Yes	Yes	
27LC256	DIP/PLCC	28/32	Yes	Yes	
27LC512	DIP/PLCC	28/32	Yes	Yes	
27LV010	DIP/PLCC	32	Yes	Yes	
27LV020	DIP/PLCC	32	Yes	Yes	
27LV040	DIP/PLCC	32	Yes	Yes	
27LV210	DIP/PLCC	40/44	Yes	Yes	
27P040	DIP/PLCC	32	Yes	Yes	
27P210	DIP/PLCC	40/44	Yes	Yes	
27P512	DIP/PLCC	28/32	Yes	Yes	
29A040	PLCC	28	Yes	Yes	
29N16S	TSOP	28	a	a	(a=TS-N16)
29N16R	TSOP	28	a	a	(a=TS-N16)
54LS471	DIP	20	Yes	Yes	
54S188	DIP	16	Yes	Yes	
54S287	DIP	16	Yes	Yes	
54S288	DIP	16	Yes	Yes	
54S387	DIP	16	Yes	Yes	
54S472,A,B	DIP	20	Yes	Yes	
54S473,A	DIP	20	Yes	Yes	
54S474,A,B	DIP	24	Yes	Yes	
54S475,A	DIP	24	Yes	Yes	
54S570,A	DIP	16	Yes	Yes	
54S571,A,B	DIP	16	Yes	Yes	
54S572,A	DIP	18	Yes	Yes	
54S573,A,B	DIP	18	Yes	Yes	
74LS471	DIP	20	Yes	Yes	
74S188	DIP	16	Yes	Yes	
74S287	DIP	16	Yes	Yes	
74S288	DIP	16	Yes	Yes	
74S387	DIP	16	Yes	Yes	
74S472,A,B	DIP	20	Yes	Yes	
74S473,A	DIP	20	Yes	Yes	
74S474,A,B	DIP	24	Yes	Yes	
74S475,A	DIP	24	Yes	Yes	
74S570,A	DIP	16	Yes	Yes	
74S571,A,B	DIP	16	Yes	Yes	
74S572,A	DIP	18	Yes	Yes	
74S573,A,B	DIP	18	Yes	Yes	

Device	Package	Pins	1084	1044	Module
77LS181	DIP	24	Yes	Yes	
77S180	DIP	24	Yes	Yes	
77S181,A	DIP	24	Yes	Yes	
77S184	DIP	18	Yes	Yes	
77S185,A,B	DIP	18	Yes	Yes	
77S190	DIP	24	Yes	Yes	
77S191,A,B	DIP	24	Yes	Yes	
77S195A,B	DIP	20	Yes	Yes	
77S280	DIP	24	Yes	Yes	
77S281	DIP	24	Yes	Yes	
77S290	DIP	24	Yes	Yes	
77S291	DIP	24	Yes	Yes	
77S321	DIP	24	Yes	Yes	
77S321A	DIP	24	Yes	Yes	
77S421	DIP	24	Yes	Yes	
77S421A	DIP	24	Yes	Yes	
87C257	DIP/PLCC	28/32	Yes	Yes	
87LS181	DIP	24	Yes	Yes	
87S180	DIP	24	Yes	Yes	
87S181	DIP	24	Yes	Yes	
87S181A	DIP	24	Yes	Yes	
87S184	DIP	18	Yes	Yes	
87S185	DIP	18	Yes	Yes	
87S185A	DIP	18	Yes	Yes	
87S185B	DIP	18	Yes	Yes	
87S190	DIP	24	Yes	Yes	
87S191	DIP	24	Yes	Yes	
87S191A	DIP	24	Yes	Yes	
87S191B	DIP	24	Yes	Yes	
87S195A	DIP	20	Yes	Yes	
87S195B	DIP	20	Yes	Yes	
87S280	DIP	24	Yes	Yes	
87S281	DIP	24	Yes	Yes	
87S290	DIP	24	Yes	Yes	
87S291	DIP	24	Yes	Yes	
87S321	DIP	24	Yes	Yes	
9306	DIP/SOIC/TSSOP	8	Yes	Yes	
93C06	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS06	DIP/SOIC/TSSOP	8	Yes	Yes	
9307	DIP/SOIC/TSSOP	8	Yes	Yes	
9313B	DIP/SOIC/TSSOP	8	Yes	Yes	
9314B	DIP/SOIC/TSSOP	8	Yes	Yes	
9346	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46A	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS46	DIP/SOIC/TSSOP	8	Yes	Yes	
93C56	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS56	DIP/SOIC/TSSOP	8	Yes	Yes	
93C66	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS66	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS66	SOIC	14	Yes	Yes	(SO-16B)
93C86A	DIP/SOIC/TSSOP	8	Yes	Yes	

NEC**MEMORIES**

2764	DIP/PLCC	28/32	Yes	Yes	
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Device	Package	Pins	1084	1044	Module
27C64	DIP/PLCC	28/32	Yes	Yes	
27128	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27C256A	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27C1000	DIP/PLCC	32	Yes	Yes	
27C1001	DIP/PLCC	32	Yes	Yes	
27C2001	DIP/PLCC	32	Yes	Yes	
27C4000	DIP/PLCC	40/44	Yes	Yes	
27C4001	DIP/PLCC	32	Yes	Yes	
27C4096	DIP/PLCC	40/44	Yes	Yes	
27C8000	DIP	42	Yes	Yes	
27C8001	DIP/PLCC	32	Yes	Yes	
MICRO					
17P104CS	SDIP	22	a	a	(AM-P17)
17P132CS	SDIP	24	a	a	(AM-P17)
17P137ACT	SDIP	28	a	a	(AM-P17)
17P137AGT	SDIP	28	a	a	(AM-P17)
75004GB	QFP	44	a	a	(AM-P004GB)
75P008GB	QFP	44	a	a	(AM-P004GB)
75P0016GB	QFP	44	a	a	(AM-P004GB)
75P308GF	QFP	80	a	a	(AM-P308GF)
75P308AGF	QFP	80	a	a	(AM-P308GF)
75P316GF	QFP	80	a	a	(AM-P308GF)
75P316AGF	QFP	80	a	a	(AM-P308GF)
75P316BGC	QFP	80	a	a	(AM-P316GC)
75P316BGF	QFP	80	a	a	(AM-P308GF)
75P316BGK	SQFP	80	a	a	(AM-P316GK)
75P3036GC	QFP	80	a	a	(AM-P316GC)
75P3036GK	SQFP	80	a	a	(AM-P316GK)
75P3116GC	QFP	64	a	a	(AM-P116GC)
75P3136GC	QFP	64	a	a	(AM-P116GC)
75P3136GK	SQFP	64	a	a	(AM-P116GK)
78P014CW	SDIP	64	a	a	(PA-78P014CW)
78P018CW	QFP	64	a	a	(PA-78P018CW)
78P018GC	QFP	100	a	a	(PA-78P018GC)
78P054GK	TQFP	80	a	a	(PA-78P054GK)
78P064GC	QFP	100	a	a	(PA-78P064GC)
78P214CW	SDIP	64	a	a	(PA-78P214CW)
78P214GC	QFP	64	a	a	(PA-78P214GC)
78P238GJ	QFP	94	a	a	(PA-78P238GJ)
78P352KG	LCC	64	a	a	(PA-78P352KG)
78P7012GC	QFP	100	a	a	(PA-78P7012GC)
OKI					
MSM271000	DIP/PLCC	32	Yes	Yes	
MSM27128A	DIP/PLCC	28/32	Yes	Yes	
MSM272000	DIP/PLCC	32	Yes	Yes	
MSM27256	DIP/PLCC	28/32	Yes	Yes	
MSM27512	DIP/PLCC	28/32	Yes	Yes	
MSM27C010	DIP/PLCC	32	Yes	Yes	
MSM27C1024	DIP/PLCC	40/44	Yes	Yes	
MSM27C2000	DIP/PLCC	32	Yes	Yes	
MSM27C2048	DIP/PLCC	40/44	Yes	Yes	
MSM27C256	DIP/PLCC	28/32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
MSM27C401	DIP/PLCC	32	Yes	Yes	
MSM27C802	DIP	42	Yes	Yes	(AM-44)
MSM27C802	SOIC	44	b	b	(SO-44A)
MSM27C852	DIP	42	Yes	Yes	(AM-44)

PHILIPS/SIGNETICS

PLD

10020EV8	DIP/PLCC	24/28	Yes	Yes	
10H20EV8	DIP/PLCC	24/28	Yes	Yes	
82S100	DIP/PLCC	28	Yes	Yes	
82S101	DIP/PLCC	28	Yes	Yes	
82S102	DIP/PLCC	28	Yes	Yes	
82S103	DIP/PLCC	28	Yes	Yes	
82S104	DIP/PLCC	28	Yes	Yes	
82S105,105A	DIP/PLCC	28	Yes	Yes	
82S151	DIP/PLCC	20	Yes	Yes	
82S152	DIP/PLCC	20	Yes	Yes	
82S153,153A	DIP/PLCC	20	Yes	Yes	
82S155	DIP/PLCC	20	Yes	Yes	
82S157	DIP/PLCC	20	Yes	Yes	
82S159,159A	DIP/PLCC	20	Yes	Yes	
82S167,167A	DIP/PLCC	20	Yes	Yes	
82S168,168A	DIP/PLCC	20	Yes	Yes	
82S173	DIP/PLCC	28	Yes	Yes	
P3Z22V10	DIP/PLCC	24/28	Yes	Yes	
P5Z22V10	DIP/PLCC	24/28	Yes	Yes	
PL22V10	DIP/PLCC	24/28	Yes	Yes	
PLC153	DIP/PLCC	20	Yes	Yes	
PLC16V8	DIP/PLCC	20	Yes	Yes	
PLC20V8	DIP/PLCC	24/28	Yes	Yes	
PLC18V8Z	DIP/PLCC	20	Yes	Yes	
PLC42VA12	DIP/PLCC	24/28	Yes	Yes	
PLC473	DIP/PLCC	24/28	Yes	Yes	
PLHS18P8A	DIP/PLCC	20	Yes	Yes	
PLHS18P8B	DIP/PLCC	20	Yes	Yes	
PLHS16L8	DIP/PLCC	20	Yes	Yes	
PLHS16R4	DIP/PLCC	20	Yes	Yes	
PLHS16R6	DIP/PLCC	20	Yes	Yes	
PLHS16R8	DIP/PLCC	20	Yes	Yes	
PLS100	DIP/PLCC	28	Yes	Yes	
PLS101	DIP/PLCC	28	Yes	Yes	
PLS102	DIP/PLCC	28	Yes	Yes	
PLS103	DIP/PLCC	28	Yes	Yes	
PLS104	DIP/PLCC	28	Yes	Yes	
PLS105,105A	DIP/PLCC	28	Yes	Yes	
PLS151	DIP/PLCC	20	Yes	Yes	
PLS152	DIP/PLCC	20	Yes	Yes	
PLS153,153A	DIP/PLCC	20	Yes	Yes	
PLS155	DIP/PLCC	20	Yes	Yes	
PLS157	DIP/PLCC	20	Yes	Yes	
PLS159,159A	DIP/PLCC	20	Yes	Yes	
PLS167,167A	DIP/PLCC	24/28	Yes	Yes	
PLS168,168A	DIP/PLCC	24/28	Yes	Yes	
PLS173	DIP/PLCC	24/28	Yes	Yes	
PLS179	DIP/PLCC	24/28	Yes	Yes	
PLUS153,153B,153D	DIP/PLCC	20	Yes	Yes	

Device	Package	Pins	1084	1044	Module
PLUS16L8-7/D	DIP/PLCC	20	Yes	Yes	
PLUS16R4-7/D	DIP/PLCC	20	Yes	Yes	
PLUS16R6-7/D	DIP/PLCC	20	Yes	Yes	
PLUS16R8-7/D	DIP/PLCC	20	Yes	Yes	
PLUS173,173B,173D	DIP/PLCC	24/28	Yes	Yes	
PLUS20L8-7/D	DIP/PLCC	24/28	Yes	Yes	
PLUS20R4-7/D	DIP/PLCC	24/28	Yes	Yes	
PLUS20R6-7/D	DIP/PLCC	24/28	Yes	Yes	
PLUS20R8-7/D	DIP/PLCC	24/28	Yes	Yes	
PLUS405	DIP/PLCC	28	Yes	Yes	
PZ3032	PLCC	44	Yes	Yes	(AM-PZ44)
PZ3032	TQFP	44	Yes	Yes	(UA-44TQ)
PZ3032C	PLCC	44	Yes	Yes	(UPA/UA-44)
PZ3032C	TQFP	44	Yes	Yes	(UA-44TQ)
PZ3064	PLCC	44	Yes	Yes	(AM-PZ44)
PZ3064	TQFP	44	Yes	Yes	(UA-44TQ)
PZ3064	PLCC	68	Yes	a	(AM-PZ68)
PZ3064	PLCC	84	Yes	a	(AM-PZ84)
PZ3064A	PLCC	44	Yes	Yes	(UPA/UA-44)
PZ3064A	TQFP	44	Yes	Yes	(UA-44TQ)
PZ5032	PLCC	44	Yes	Yes	(AM-PZ44)
PZ5032	TQFP	44	Yes	Yes	(UA-44TQ)
PZ5032C	PLCC	44	Yes	Yes	(UPA/UA-44)
PZ5032C	TQFP	44	Yes	Yes	(UA-44TQ)
PZ5064	PLCC	44	Yes	Yes	(AM-PZ44)
PZ5064	TQFP	44	Yes	Yes	(UA-44TQ)
PZ5064	PLCC	68	Yes	a	(AM-PZ68)
PZ5064	PLCC	84	Yes	a	(AM-PZ84)
PZ5064C	PLCC	44	Yes	Yes	(UPA/UA-44)
PZ5064C	TQFP	44	Yes	Yes	(UA-44TQ)

MEMORIES

27C64	DIP/PLCC	28/32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27C210	DIP/PLCC	40/44	Yes	Yes	
27C240	DIP/PLCC	40/44	Yes	Yes	
82LS135	DIP	20	Yes	Yes	
82LS137,A,B	DIP	18	Yes	Yes	
82LS180	DIP	24	Yes	Yes	
82LS181	DIP	24	Yes	Yes	
82S115	DIP	24	Yes	Yes	
82S123,123A	DIP	16	Yes	Yes	
82S126,126A	DIP	16	Yes	Yes	
82S129,129A	DIP	16	Yes	Yes	
82S130,130A	DIP	16	Yes	Yes	
82S131,131A	DIP	16	Yes	Yes	
82S135	DIP	20	Yes	Yes	
82S137,A,B	DIP	18	Yes	Yes	
82S140	DIP	24	Yes	Yes	
82S141,141A	DIP	24	Yes	Yes	
82S147,A,B	DIP	20	Yes	Yes	
82S180	DIP	24	Yes	Yes	
82S181,A,B,C	DIP	24	Yes	Yes	
82S185,A,B	DIP	18	Yes	Yes	
82S191,A,B,C	DIP	24	Yes	Yes	
82S23,23A	DIP	16	Yes	Yes	

Device	Package	Pins	1084	1044	Module
82S2708	DIP	24	Yes	Yes	
82S321	DIP	24	Yes	Yes	
82US23	DIP	16	Yes	Yes	
82US123	DIP	16	Yes	Yes	
PCA8581	DIP	8	Yes	Yes	
PCA8581C	DIP	8	Yes	Yes	
PCF8581	DIP	8	Yes	Yes	
PCF8581C	DIP	8	Yes	Yes	
PCF8582C	DIP/SOIC	8	Yes	Yes	
PCF8594C	DIP/SOIC	8	Yes	Yes	
PCF8598C	DIP/SOIC	8	Yes	Yes	
MICRO					
87C451	PLCC	68	Yes	Y	
87C453	PLCC	68	Yes	Y	
87C453	PLCC	68	Yes	Y	
87C504	DIP/PLCC/QFP	40/44	Yes	Yes	
87C508	DIP/PLCC/QFP	40/44	Yes	Yes	
87C51	DIP/PLCC/QFP	40/44	Yes	Yes	
87C51FA	DIP/PLCC/QFP	40/44	Yes	Yes	
87C51FB	DIP/PLCC/QFP	40/44	Yes	Yes	
87C51FC	DIP/PLCC/QFP	40/44	Yes	Yes	
87C51RA+	DIP/PLCC/QFP	40/44	Yes	Yes	
87C51RB+	DIP/PLCC/QFP	40/44	Yes	Yes	
87C51RC+	DIP/PLCC/QFP	40/44	Yes	Yes	
87C51RD+	DIP/PLCC/QFP	40/44	Yes	Yes	
87C51UB	DIP/PLCC/QFP	40/44	Yes	Yes	
87C52	DIP/PLCC/QFP	40/44	Yes	Yes	
87C52UB	DIP/PLCC	40/44	Yes	Yes	
87C54	DIP/PLCC/QFP	40/44	Yes	Yes	
87C54UB	DIP/PLCC	40/44	Yes	Yes	
87C58UB	DIP/PLCC	40/44	Yes	Yes	
87C524	DIP/PLCC/QFP	40/44	Yes	Yes	
87C528	DIP/PLCC/QFP	40/44	Yes	Yes	
87C550	DIP/PLCC	40/44	Yes	Yes	
87C552	PLCC	68	Yes	a	(a=AM-552)
87C554	PLCC	68	Yes	a	(a=AM-552)
87C554	TQFP	64	Yes	.	(UA-64TQ)
87C575	DIP/PLCC/QFP	40/44	Yes	Yes	
87C576	DIP/PLCC/QFP	40/44	Yes	Yes	
87C58	DIP/PLCC/QFP	40/44	Yes	Yes	
87C591	PLCC	44	Yes	Yes	(UA-44/UPA)
87C591	QFP	44	Yes	Yes	(UA-44Q)
87C592	PLCC	68	Yes	a	(a=AM-592)
87C652	DIP/PLCC/QFP	40/44	Yes	Yes	
87C654	DIP/PLCC/QFP	40/44	Yes	Yes	
87C735	DIP/PLCC	40/44	Yes	Yes	
87C736	DIP/PLCC	40/44	Yes	Yes	
87C738	DIP/PLCC	40/44	Yes	Yes	
87C748	DIP/SSOP	24	Yes	Yes	
87C748	PLCC	28	a	a	(a=PLCC-282413)
87C749	DIP/SSOP	28	Yes	Yes	
87C749	PLCC	28	Yes	Yes	
87C750	DIP/SSOP	24	Yes	Yes	
87C750	PLCC	28	a	a	(a=PLCC-282413)
87C751	DIP/SSOP	24	Yes	Yes	
87C751	PLCC	28	a	a	(a=PLCC-282413)

Device	Package	Pins	1084	1044	Module
87C752	DIP/PLCC/SSOP	28	Yes	Yes	
87L51FA	DIP/PLCC/QFP	40/44	Yes	Yes	
87L51FB	DIP/PLCC/QFP	40/44	Yes	Yes	
87LPC762	DIP	20	Yes	Yes	
87LPC762	SOIC	20	Yes	Yes	(SO-28A)
87LPC764	DIP	20	Yes	Yes	
87LPC764	SOIC	20	Yes	Yes	(SO-28A)
87LPC767	DIP	20	Yes	Yes	
87LPC767	SOIC	20	Yes	Yes	(SO-28A)
87LPC768	DIP	20	Yes	Yes	
87LPC768	SOIC	20	Yes	Yes	(SO-28A)
87LPC769	DIP	20	Yes	Yes	
87LPC769	SOIC	20	Yes	Yes	(SO-28A)
87XAS37	PLCC	68	Yes	.	(UPA-84)
89C51RA+	DIP/PLCC/QFP	40/44	Yes	Yes	
89C51RB+	DIP/PLCC/QFP	40/44	Yes	Yes	
89C51RC+	DIP/PLCC/QFP	40/44	Yes	Yes	
89C51RD+	DIP/PLCC/QFP	40/44	Yes	Yes	
89C51RB2	DIP/PLCC/QFP	40/44	Yes	Yes	
89C51RC2	DIP/PLCC/QFP	40/44	Yes	Yes	
89C51RD2	DIP/PLCC/QFP	40/44	Yes	Yes	
89C51UB	DIP/PLCC/QFP	40/44	Yes	Yes	
89C52NB	DIP/PLCC	40/44	Yes	Yes	
89C52UB	DIP/PLCC/QFP	40/44	Yes	Yes	
89C535	PLCC	44	Yes	Yes	
89C536	PLCC	44	Yes	Yes	
89C538	PLCC	44	Yes	Yes	
89C54NB	DIP/PLCC	40/44	Yes	Yes	
89C54UB	DIP/PLCC/QFP	40/44	Yes	Yes	
89C58NB	DIP/PLCC	40/44	Yes	Yes	
89C58UB	DIP/PLCC/QFP	40/44	Yes	Yes	
89C660	DIP/PLCC/QFP	40/44	Yes	Yes	
89C662	DIP/PLCC/QFP	40/44	Yes	Yes	
89C664	DIP/PLCC/QFP	40/44	Yes	Yes	
89C735	DIP/PLCC	40/44	Yes	Yes	
89C736	DIP/PLCC	40/44	Yes	Yes	
89C738	DIP/PLCC	40/44	Yes	Yes	
P51XAG17	PLCC	44	Yes	Yes	
P51XAG27	PLCC	44	Yes	Yes	
P51XAG37	PLCC	44	Yes	Yes	
P51XAG17	TQFP	44	Yes	Yes	(UA-44TQ)
P51XAG27	TQFP	44	Yes	Yes	(UA-44TQ)
P51XAG37	TQFP	44	Yes	Yes	(UA-44TQ)

SAMSUNG

PLD

CPL16L8	DIP/PLCC	20	Yes	Yes	
CPL16L8L	DIP/PLCC	20	Yes	Yes	
CPL16R4	DIP/PLCC	20	Yes	Yes	
CPL16R4L	DIP/PLCC	20	Yes	Yes	
CPL16R6	DIP/PLCC	20	Yes	Yes	
CPL16R6L	DIP/PLCC	20	Yes	Yes	
CPL16R8	DIP/PLCC	20	Yes	Yes	
CPL16R8L	DIP/PLCC	20	Yes	Yes	
CPL20L10	DIP/PLCC	24/28	Yes	Yes	
CPL20L10L	DIP/PLCC	24/28	Yes	Yes	

Device	Package	Pins	1084	1044	Module
CPL20L8	DIP/PLCC	24/28	Yes	Yes	
CPL20L8L	DIP/PLCC	24/28	Yes	Yes	
CPL20R4	DIP/PLCC	24/28	Yes	Yes	
CPL20R4L	DIP/PLCC	24/28	Yes	Yes	
CPL20R6	DIP/PLCC	24/28	Yes	Yes	
CPL20R6L	DIP/PLCC	24/28	Yes	Yes	
CPL20R8	DIP/PLCC	24/28	Yes	Yes	
CPL20R8L	DIP/PLCC	24/28	Yes	Yes	
CPL22V10	DIP/PLCC	24/28	Yes	Yes	
SANYO					
27C4002	DIP/PLCC	40/44	Yes	Yes	
SEEQ					
2764	DIP/PLCC	24/32	Yes	Yes	
27128	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
2864/H	DIP/PLCC	28/32	Yes	Yes	
28C64/A	DIP/PLCC	28/32	Yes	Yes	
28C256/A	DIP/PLCC	28/32	Yes	Yes	
52B13/H	DIP/PLCC	28/32	Yes	Yes	
52B33/H	DIP/PLCC	28/32	Yes	Yes	
55B33/H	DIP/PLCC	28/32	Yes	Yes	
SEIKO					
29L131A	TSSOP	8	Yes	Yes	
29L231A	TSSOP	8	Yes	Yes	
29L331A	TSSOP	8	Yes	Yes	
SHARP					
28F004SC	TSOP	40	a	a	(a=TSOP-40E)
28F008SC	TSOP	40	a	a	(a=TSOP-40E)
28F016SAT	TSOP	56	b	b	(b=TSOP-56E)
28F016SUT	TSOP	56	b	b	(b=TSOP-56E)
28F160S3	TSOP	56	b	b	(b=TSOP-56E)
28F160S5	TSOP	56	b	b	(b=TSOP-56E)
28F320BJE	TSOP	48	c	c	(c=TS-48A)
28F400BVE-B/T	TSOP	48	c	c	(c=TS-48A)
28F800BG	TSOP	48	c	c	(c=TS-48A)
28F800BVE-B/T	TSOP	48	c	c	(c=TS-48A)
28F800SU	TSOP	56	b	b	(b=TSOP-56E)
LRS1306	TSOP	48	d	d	(d=TS-48S)
SIEMENS					
C501G-1E	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
C501G-1R	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
C502G2E	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
C503G1E	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
C503G2E	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
C505-LM	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
C505-2RM	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
C505A-4EM	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
C505C-LM	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
C505C-2RM	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)

Device	Package	Pins	1084	1044	Module
C505CA-4EM	PLCC/MQFP	44	Yes	Yes	(MQFP=UA-44Q)
SST					
27SF010	DIP/PLCC/TSOP	32	Yes	Yes	
27SF020	DIP/PLCC/TSOP	32	Yes	Yes	
27SF256	DIP/PLCC/TSOP	32	Yes	Yes	
27SF512	DIP/PLCC/TSOP	28/32	Yes	Yes	
28LF040	DIP/PLCC/TSOP	32	Yes	Yes	
28SF040/A	DIP/PLCC/TSOP	32	Yes	Yes	
28VF040/A	DIP/PLCC/TSOP	32	Yes	Yes	
29EE010	DIP/PLCC/TSOP	32	Yes	Yes	
29EE020	DIP/PLCC/TSOP	32	Yes	Yes	
29EE512	DIP/PLCC/TSOP	32	Yes	Yes	
29LE010	DIP/PLCC/TSOP	32	Yes	Yes	
29LE020	DIP/PLCC/TSOP	32	Yes	Yes	
29LE512	DIP/PLCC/TSOP	32	Yes	Yes	
29VE010	DIP/PLCC/TSOP	32	Yes	Yes	
29VE020	DIP/PLCC/TSOP	32	Yes	Yes	
29VE512	DIP/PLCC/TSOP	32	Yes	Yes	
29VF160	TSOP	48	a	a	(a=TS-48A)
31LV021	TSOP	32	a	a	(a=TSOP-32EC)
31LF041	TSOP	40	a	a	(a=TSOP-40A)
31LF041	VSOP	40	a	a	(a=TSOP-40AC)
31LF200A	TSOP	48	a	a	(a=TS-48A)
31LF400A	TSOP	48	a	a	(a=TS-48A)
31LF800A	TSOP	48	a	a	(a=TS-48A)
37VF010	DIP/PLCC/TSOP	32	Yes	Yes	
37VF020	DIP/PLCC/TSOP	32	Yes	Yes	
37VF040	DIP/PLCC/TSOP	32	Yes	Yes	
37VF512	DIP/PLCC/TSOP	32	Yes	Yes	
39SF010	DIP/PLCC/TSOP	32	Yes	Yes	
39SF010A	DIP/PLCC/TSOP	32	Yes	Yes	
39SF020	DIP/PLCC/TSOP	32	Yes	Yes	
39SF020A	DIP/PLCC/TSOP	32	Yes	Yes	
39SF040	DIP/PLCC/TSOP	32	Yes	Yes	
39SF512	DIP/PLCC/TSOP	32	Yes	Yes	
39SF512A	DIP/PLCC/TSOP	32	Yes	Yes	
39VF010	DIP/PLCC/TSOP	32	Yes	Yes	
39VF016Q	TSOP	40	b	b	(b=TSOP-40A)
39VF020	DIP/PLCC/TSOP	32	Yes	Yes	
39VF040	DIP/PLCC/TSOP	32	Yes	Yes	
39VF080Q	TSOP	40	b	b	(b=TSOP-40A)
39VF160	TSOP	48	a	a	(a=TS-48A)
39VF160Q	TSOP	48	a	a	(a=TS-48A)
39VF200A	TSOP	48	a	a	(a=TS-48A)
39VF400A	TSOP	48	a	a	(a=TS-48A)
39VF512	DIP/PLCC/TSOP	32	Yes	Yes	
39VF800	TSOP	48	a	a	(a=TS-48A)
39VF800A	TSOP	48	a	a	(a=TS-48A)
39VF800Q	TSOP	48	a	a	(a=TS-48A)
45LF010	SOIC	8	Yes	Yes	
45VF010	SOIC	8	Yes	Yes	
45VF020	SOIC	8	Yes	Yes	
45VF256	SOIC	8	Yes	Yes	
49LF002A	PLCC/TSOP	32	Yes	Yes	
49LF004	PLCC/TSOP	32	Yes	Yes	
49LF004A	PLCC/TSOP	32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
49LF020	DIP/PLCC/TSOP	32	Yes	Yes	
89C54	DIP/PLCC/TQFP	40/44	Yes	Yes	(PLCC=UPA-84 or UPA-44
89C58	DIP/PLCC/TQFP	40/44	Yes	Yes	TQFP=UA-44-TQ)
89F54	DIP/PLCC/TQFP	40/44	Yes	Yes	(PLCC=UPA-84 or UPA-44
89F58	DIP/PLCC/TQFP	40/44	Yes	Yes	TQFP=UA-44-TQ)

ST_Microelectronics/SGS

PLD

GAL16V8,V8A	DIP/PLCC	20	Yes	Yes	GAL20V8,V8A
	DIP/PLCC	24/28	Yes	Yes	RAL10H8
	DIP/PLCC	20	Yes	Yes	RAL10L8
	DIP/PLCC	20	Yes	Yes	RAL10P8
	DIP/PLCC	20	Yes	Yes	RAL12H6
	DIP/PLCC	20	Yes	Yes	DIP/PLCC 20
	Yes	Yes	Yes	Yes	Yes
RAL14H4	DIP/PLCC	20	Yes	Yes	
RAL14L4	DIP/PLCC	20	Yes	Yes	
RAL14P4	DIP/PLCC	20	Yes	Yes	
RAL14H8	DIP/PLCC	20	Yes	Yes	
RAL14L8	DIP/PLCC	20	Yes	Yes	
RAL14P8	DIP/PLCC	20	Yes	Yes	
RAL16H2	DIP/PLCC	20	Yes	Yes	
RAL16L2	DIP/PLCC	20	Yes	Yes	
RAL16P2	DIP/PLCC	20	Yes	Yes	
RAL16H8	DIP/PLCC	20	Yes	Yes	
RAL16L8	DIP/PLCC	20	Yes	Yes	
RAL16P8	DIP/PLCC	20	Yes	Yes	
RAL16R4	DIP/PLCC	20	Yes	Yes	
RAL16RP4	DIP/PLCC	20	Yes	Yes	
RAL16R6	DIP/PLCC	20	Yes	Yes	
RAL16RP6	DIP/PLCC	20	Yes	Yes	
RAL16R8	DIP/PLCC	20	Yes	Yes	
RAL16RP8	DIP/PLCC	20	Yes	Yes	
RAL16H6	DIP/PLCC	20	Yes	Yes	
RAL16L6	DIP/PLCC	20	Yes	Yes	
RAL16P6	DIP/PLCC	20	Yes	Yes	
RAL18H4	DIP/PLCC	24/28	Yes	Yes	
RAL18L4	DIP/PLCC	24/28	Yes	Yes	
RAL18P4	DIP/PLCC	24/28	Yes	Yes	
RAL20H2	DIP/PLCC	24/28	Yes	Yes	
RAL20L2	DIP/PLCC	24/28	Yes	Yes	
RAL20P2	DIP/PLCC	24/28	Yes	Yes	
RAL20H8	DIP/PLCC	24/28	Yes	Yes	
RAL20L8	DIP/PLCC	24/28	Yes	Yes	
RAL20P8	DIP/PLCC	24/28	Yes	Yes	
RAL20R4	DIP/PLCC	24/28	Yes	Yes	
RAL20RP4	DIP/PLCC	24/28	Yes	Yes	
RAL20R6	DIP/PLCC	24/28	Yes	Yes	
RAL20RP6	DIP/PLCC	24/28	Yes	Yes	
RAL20R8	DIP/PLCC	24/28	Yes	Yes	
RAL20RP8	DIP/PLCC	24/28	Yes	Yes	

MEMORIES

24C01/C	DIP/SOIC	8	Yes	Yes	
24C02/A/C	DIP/SOIC	8	Yes	Yes	

Device	Package	Pins	1084	1044	Module
24C04/C	DIP/SOIC	8	Yes	Yes	
24C08/C	DIP/SOIC	8	Yes	Yes	
24C16	DIP/SOIC	8	Yes	Yes	
24C32	DIP/SOIC/TSSOP	8	Yes	Yes	
24C64	DIP/SOIC/TSSOP	8	Yes	Yes	
24FC21	DIP/SOIC	8	Yes	Yes	
24FW21	DIP/SOIC	8	Yes	Yes	
24LC21	DIP/SOIC	8	Yes	Yes	
24LW21	DIP/SOIC	8	Yes	Yes	
25C01/C	DIP/SOIC	8	Yes	Yes	
25C02A/C	DIP/SOIC	8	Yes	Yes	
25C04/C	DIP/SOIC	8	Yes	Yes	
25C08/C	DIP/SOIC	8	Yes	Yes	
2716	DIP	24	Yes	Yes	
2732A	DIP/PLCC	24/32	Yes	Yes	
2764A	DIP/PLCC	28/32	Yes	Yes	
27128A	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27512	DIP/PLCC	28/32	Yes	Yes	
27C1000	DIP/PLCC/TSOP	32	Yes	Yes	
27C1001	DIP/PLCC/TSOP	32	Yes	Yes	
27C1011	DIP/PLCC/TSOP	32	Yes	Yes	
27C1024	DIP/PLCC	40/44	Yes	Yes	
27C160	DIP	42	Yes	Yes	(AM-44)
27C160	SOIC	44	a	a	(SO-44A)
27C2001	DIP/PLCC	32	Yes	Yes	
27C202	PLCC	44	Yes	Yes	
27C202	TSOP	40	a	a	(TSOP-40E)
27C256B	DIP/PLCC	28/32	Yes	Yes	
27C322	DIP	42	Yes	Yes	
27C4001	DIP/PLCC	32	Yes	Yes	
27C4002	DIP/PLCC	40/44	Yes	Yes	
27C405	DIP/PLCC/TSOP	32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27C513	DIP/PLCC	28/32	Yes	Yes	
27C64A	DIP/PLCC	28/32	Yes	Yes	
27C800	DIP	42	Yes	Yes	(AM-44)
27C800	SOIC	44	a	a	(SO-44A)
27C801	DIP/PLCC/TSOP	32	Yes	Yes	
27V101	DIP/PLCC/TSOP	32	Yes	Yes	
27V201	DIP/PLCC/TSOP	32	Yes	Yes	
27V256	DIP/PLCC	28/32	Yes	Yes	
27V256	TSOP	28	a	a	(TSOP-28C)
27V322	DIP	42	Yes	Yes	
27V401	DIP/PLCC/TSOP	32	Yes	Yes	
27V402	DIP/PLCC	40/44	Yes	Yes	
27V402	TSOP	40	a	a	(TSOP-40E)
27V512	DIP/PLCC	28/32	Yes	Yes	
27V512	TSOP	28	a	a	(TSOP-28C)
27V800	DIP	42	Yes	Yes	(AM-44)
27V800	SOIC	44	a	a	(SO-44A)
27V801	DIP/PLCC/TSOP	32	Yes	Yes	
27W101	DIP/PLCC/TSOP	32	Yes	Yes	
27W201	DIP/PLCC/TSOP	32	Yes	Yes	
27W401	DIP/PLCC/TSOP	32	Yes	Yes	
28C64	DIP/PLCC	28/32	Yes	Yes	
28C64C	DIP/PLCC	28/32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
28LV64	DIP/PLCC	28/32	Yes	Yes	
28F101/A	DIP/PLCC	32	Yes	Yes	
28F102	TSOP	40	a	a	(TS-40CC)
28F102/A	DIP/PLCC	40/44	Yes	Yes	
28F201/A	DIP/PLCC	32	Yes	Yes	
28F256	DIP/PLCC/TSOP	32	Yes	Yes	
28F410	PSOP	44	a	a	(SO-44A)
28F420	PSOP	44	a	a	
28F512	DIP/PLCC/TSOP	32	Yes	Yes	(TSOP-32E)
28V201/A	DIP/PLCC/TSOP	32	Yes	Yes	(TSOP-32E)
29F002T	DIP/PLCC/TSOP	32	Yes	Yes	(TSOP-32E)
29F010B	DIP/PLCC/TSOP	32	Yes	Yes	(TSOP-32E)
29F040	DIP/PLCC/TSOP	32	Yes	Yes	(TSOP-32E)
29F100B/T	PSOP	44	b	b	(b=SO-44A)
29F100B/T	TSOP	48	c	c	(c=TS-48A)
29F102B	PLCC	44	Yes	Yes	
29F102B	TSOP	40	d	d	(d=TS-40CC)
29F200B/T	PSOP	44	b	b	(b=SO-44A)
29F200B/T	TSOP	48	c	c	(c=TS-48A)
29F400B/T	PSOP	44	b	b	(b=SO-44A)
29F400B/T	TSOP	48	c	c	(c=TS-48A)
29F400BB/T	PSOP	44	b	b	(b=SO-44A)
29F400BB/T	TSOP	48	c	c	(c=TS-48A)
29F800AB/T	PSOP	44	b	b	(b=SO-44A)
29F800AB/T	TSOP	48	c	c	(c=TS-48A)
29V040	DIP/PLCC/TSOP	32	Yes	Yes	
29W004BB/T	TSOP	40	e	e	(e=TSOP-40A)
29W008AB/T	TSOP	40	e	e	(e=TSOP-40A)
29W010B	DIP/PLCC/TSOP	32	Yes	Yes	
29W022BB/T	PLCC/TSOP	32	Yes	Yes	
29W040/B	DIP/PLCC/TSOP	32	Yes	Yes	
29W102BB	TSOP	40	d	d	(d=TS-40CC)
29W160DB/T	PSOP	44	b	b	(b=SO-44A)
29W160DB/T	TSOP	48	c	c	(c=TS-48A)
29W160DB/T	BGA	48	f	f	(f=FB-48-3)
29W400B/T	PSOP	44	b	b	(b=SO-44A)
29W400B/T	TSOP	48	c	c	(c=TS-48A)
29W400BB/T	TSOP	48	c	c	(c=TS-48A)
29W400BB/T	PSOP	44	b	b	(b=SO-44A)
29W800AB/T	PSOP	44	b	b	(b=SO-44A)
29W800AB/T	TSOP	48	c	c	(c=TS-48A)
29W800B/T	PSOP	44	b	b	(b=SO-44A)
29W800B/T	TSOP	48	c	c	(c=TS-48A)
87C257	DIP/PLCC	28/32	Yes	Yes	
93C06	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46A	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46R	DIP/SOIC/TSSOP	8	Yes	Yes	
93C46W	DIP/SOIC/TSSOP	8	Yes	Yes	
93C56	DIP/SOIC/TSSOP	8	Yes	Yes	
93C56R	DIP/SOIC/TSSOP	8	Yes	Yes	
93C56W	DIP/SOIC/TSSOP	8	Yes	Yes	
93C66	DIP/SOIC/TSSOP	8	Yes	Yes	
93C66R	DIP/SOIC/TSSOP	8	Yes	Yes	
93C66W	DIP/SOIC/TSSOP	8	Yes	Yes	
93C76	DIP/SOIC/TSSOP	8	Yes	Yes	
93C76R	DIP/SOIC/TSSOP	8	Yes	Yes	

Device	Package	Pins	1084	1044	Module
93C76W	DIP/SOIC/TSSOP	8	Yes	Yes	
93C86	DIP/SOIC/TSSOP	8	Yes	Yes	
93C86R	DIP/SOIC/TSSOP	8	Yes	Yes	
93C86W	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS46	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS47	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS56	DIP/SOIC/TSSOP	8	Yes	Yes	
93CS57	DIP/SOIC/TSSOP	8	Yes	Yes	
95010	DIP/SOIC/TSSOP	8	Yes	Yes	
95010-R	DIP/SOIC/TSSOP	8	Yes	Yes	
95010-W	DIP/SOIC/TSSOP	8	Yes	Yes	
95020	DIP/SOIC/TSSOP	8	Yes	Yes	
95020-R	DIP/SOIC/TSSOP	8	Yes	Yes	
95020-W	DIP/SOIC/TSSOP	8	Yes	Yes	
95040	DIP/SOIC/TSSOP	8	Yes	Yes	
95040-R	DIP/SOIC/TSSOP	8	Yes	Yes	
95040-W	DIP/SOIC/TSSOP	8	Yes	Yes	
95080	DIP/SOIC	8	Yes	Yes	
95080	TSSOP	8/14	Yes	Yes	
95080-R	DIP/SOIC	8	Yes	Yes	
95080-R	TSSOP	8/14	Yes	Yes	
95080-V	DIP/SOIC	8	Yes	Yes	
95080-V	TSSOP	8/14	Yes	Yes	
95080-W	DIP/SOIC	8	Yes	Yes	
95080-W	TSSOP	8/14	Yes	Yes	
95128	DIP/SOIC	8	Yes	Yes	
95128	TSSOP	8/14	Yes	Yes	
95128-R	DIP/SOIC	8	Yes	Yes	
95128-R	TSSOP	8/14	Yes	Yes	
95128-V	DIP/SOIC	8	Yes	Yes	
95128-V	TSSOP	8/14	Yes	Yes	
95128-W	DIP/SOIC	8	Yes	Yes	
95128-W	TSSOP	8/14	Yes	Yes	
95160	DIP/SOIC	8	Yes	Yes	
95160	TSSOP	8/14	Yes	Yes	
95160-R	DIP/SOIC	8	Yes	Yes	
95160-R	TSSOP	8/14	Yes	Yes	
95160-V	DIP/SOIC	8	Yes	Yes	
95160-V	TSSOP	8/14	Yes	Yes	
95160-W	DIP/SOIC	8	Yes	Yes	
95160-W	TSSOP	8/14	Yes	Yes	
95256	DIP/SOIC	8	Yes	Yes	
95256	TSSOP	8/14	Yes	Yes	
95256-R	DIP/SOIC	8	Yes	Yes	
95256-R	TSSOP	8/14	Yes	Yes	
95256-V	DIP/SOIC	8	Yes	Yes	
95256-V	TSSOP	8/14	Yes	Yes	
95256-W	DIP/SOIC	8	Yes	Yes	
95256-W	TSSOP	8/14	Yes	Yes	
95320	DIP/SOIC	8	Yes	Yes	
95320	TSSOP	8/14	Yes	Yes	
95320-R	DIP/SOIC	8	Yes	Yes	
95320-R	TSSOP	8/14	Yes	Yes	
95320-V	DIP/SOIC	8	Yes	Yes	
95320-V	TSSOP	8/14	Yes	Yes	
95320-W	DIP/SOIC	8	Yes	Yes	
95320-W	TSSOP	8/14	Yes	Yes	

Device	Package	Pins	1084	1044	Module
95640	DIP/SOIC	8	Yes	Yes	
95640	TSSOP	8/14	Yes	Yes	
95640-R	DIP/SOIC	8	Yes	Yes	
95640-R	TSSOP	8/14	Yes	Yes	
95640-V	DIP/SOIC	8	Yes	Yes	
95640-V	TSSOP	8/14	Yes	Yes	
95640-W	DIP/SOIC	8	Yes	Yes	
95640-W	TSSOP	8/14	Yes	Yes	
M48T02	DIP	24	Yes	Yes	
M48T08	DIP	28	Yes	Yes	
M48T12	DIP	24	Yes	Yes	
M48T18	DIP	28	Yes	Yes	
M48T35	DIP/PLCC	28/32	Yes	Yes	
M48T35Y	DIP/PLCC	28/32	Yes	Yes	

TEMIC

71RAX2	DIP/PLCC/VQFP	40/44	Yes	Yes	
71RBX2	DIP/PLCC/VQFP	40/44	Yes	Yes	
71RCX2	DIP/PLCC/VQFP	40/44	Yes	Yes	
71RDX2	DIP/PLCC/VQFP	40/44	Yes	Yes	
87251G1A	DIP	40	Yes	Yes	
87251G1A	PLCC	44	Yes	Yes	
87251G2D	DIP/PLCC/QFP	40/44	Yes	Yes	
87251G2D-L	DIP/PLCC/QFP	40/44	Yes	Yes	
8754	DIP/PLCC/VQFP	40/44	Yes	Yes	
8758	DIP/PLCC/VQFP	40/44	Yes	Yes	
87C251	PLCC	44	Yes	Yes	
87C51	DIP/PLCC	40/44	Yes	Yes	
87C51RB2	DIP/PLCC	40/44	Yes	Yes	
87C51RC2	DIP/PLCC	40/44	Yes	Yes	
87C51RD2	DIP/PLCC	40/44	Yes	Yes	
87C51U2	DIP/PLCC/QFP	40/44	Yes	Yes	
87C52	DIP/PLCC	40/44	Yes	Yes	
87C52X2	DIP/PLCC/QFP	40/44	Yes	Yes	
89C51RD2	DIP/PLCC/QFP	40/44	Yes	Yes	

TEXAS INSTRUMENTS**PLD**

EP610	DIP/PLCC	24/28	Yes	Yes	
EP630	DIP/PLCC	24/28	Yes	Yes	
EP910	DIP/PLCC	40/44	Yes	Yes	
EP1810	PLCC	68	Yes	Y	(AM-1800)
PAL16L8A	DIP/PLCC	20	Yes	Yes	
PAL16L8A-2	DIP/PLCC	20	Yes	Yes	
PAL16R4A	DIP/PLCC	20	Yes	Yes	
PAL16R4A-2	DIP/PLCC	20	Yes	Yes	
PAL16R6A	DIP/PLCC	20	Yes	Yes	
PAL16R6A-2	DIP/PLCC	20	Yes	Yes	
PAL16R8A	DIP/PLCC	20	Yes	Yes	
PAL16R8A-2	DIP/PLCC	20	Yes	Yes	
PAL20L8A	DIP/PLCC	24/28	Yes	Yes	
PAL20R4A	DIP/PLCC	24/28	Yes	Yes	
PAL20R6A	DIP/PLCC	24/28	Yes	Yes	
PAL20R8A	DIP/PLCC	24/28	Yes	Yes	
TIBPAD16N8-7	DIP/PLCC	20	Yes	Yes	

Device	Package	Pins	1084	1044	Module
TIBPAD18N8-6	DIP/PLCC	20	Yes	Yes	
TIBPAL16L8-5	DIP/PLCC	20	Yes	Yes	
TIBPAL16L8-7	DIP/PLCC	20	Yes	Yes	
TIBPAL16L8-10	DIP/PLCC	20	Yes	Yes	
TIBPAL16L8-12	DIP/PLCC	20	Yes	Yes	
TIBPAL16L8-15	DIP/PLCC	20	Yes	Yes	
TIBPAL16L8H-15	DIP/PLCC	20	Yes	Yes	
TIBPAL16L8-25	DIP/PLCC	20	Yes	Yes	
TIBPAL16R4-5	DIP/PLCC	20	Yes	Yes	
TIBPAL16R4-7	DIP/PLCC	20	Yes	Yes	
TIBPAL16R4-10	DIP/PLCC	20	Yes	Yes	
TIBPAL16R4-12	DIP/PLCC	20	Yes	Yes	
TIBPAL16R4-15	DIP/PLCC	20	Yes	Yes	
TIBPAL16R4H-15	DIP/PLCC	20	Yes	Yes	
TIBPAL16R4-25	DIP/PLCC	20	Yes	Yes	
TIBPAL16R6-5	DIP/PLCC	20	Yes	Yes	
TIBPAL16R6-7	DIP/PLCC	20	Yes	Yes	
TIBPAL16R6-10	DIP/PLCC	20	Yes	Yes	
TIBPAL16R6-12	DIP/PLCC	20	Yes	Yes	
TIBPAL16R6-15	DIP/PLCC	20	Yes	Yes	
TIBPAL16R6H-15	DIP/PLCC	20	Yes	Yes	
TIBPAL16R6-25	DIP/PLCC	20	Yes	Yes	
TIBPAL16R8-5	DIP/PLCC	20	Yes	Yes	
TIBPAL16R8-7	DIP/PLCC	20	Yes	Yes	
TIBPAL16R8-10	DIP/PLCC	20	Yes	Yes	
TIBPAL16R8-12	DIP/PLCC	20	Yes	Yes	
TIBPAL16R8-15	DIP/PLCC	20	Yes	Yes	
TIBPAL16R8H-15	DIP/PLCC	20	Yes	Yes	
TIBPAL16R8-25	DIP/PLCC	20	Yes	Yes	
TIBPALR19L8	DIP/PLCC	24/28	Yes	Yes	
TIBPALR19R4	DIP/PLCC	24/28	Yes	Yes	
TIBPALR19R6	DIP/PLCC	24/28	Yes	Yes	
TIBPALR19R8	DIP/PLCC	24/28	Yes	Yes	
TIBPALT19L8	DIP/PLCC	24/28	Yes	Yes	
TIBPALT19R4	DIP/PLCC	24/28	Yes	Yes	
TIBPALT19R6	DIP/PLCC	24/28	Yes	Yes	
TIBPALT19R8	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20L8-5	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20L8-7	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20L8-10	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20L8-15	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20L8-25	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R4-5	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R4-7	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R4-10	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R4-15	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R4-25	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R6-5	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R6-7	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R6-10	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R6-15	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R6-25	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R8-5	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R8-7	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R8-10	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R8-15	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20R8-25	DIP/PLCC	24/28	Yes	Yes	

Device	Package	Pins	1084	1044	Module
TIBPAL20L10	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20X4	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20X8	DIP/PLCC	24/28	Yes	Yes	
TIBPAL20X10	DIP/PLCC	24/28	Yes	Yes	
TIBPAL22V10	DIP/PLCC	24/28	Yes	Yes	
TIBPAL22V10A	DIP/PLCC	24/28	Yes	Yes	
TIBAPL22V10-15,-10,-7	DIP/PLCC	24/28	Yes	Yes	
TIBPAL22VP10-20	DIP/PLCC	24/28	Yes	Yes	
TIBPAL22VP10-25	DIP/PLCC	24/28	Yes	Yes	
TIB82S105B	DIP/PLCC	28	Yes	Yes	
TIB82S167B	DIP/PLCC	28	Yes	Yes	
TICPAL16L8	DIP/PLCC	20	Yes	Yes	
TICPAL16R4	DIP/PLCC	20	Yes	Yes	
TICPAL16R6	DIP/PLCC	20	Yes	Yes	
TICPAL16R8	DIP/PLCC	20	Yes	Yes	
TICPAL18V8	DIP/PLCC	20	Yes	Yes	
TICPAL22V10	DIP/PLCC	24/28	Yes	Yes	
TICPAL22V10Z	DIP/PLCC	24/28	Yes	Yes	
TIFPLA839	DIP/PLCC	24/28	Yes	Yes	
TIFPLA840	DIP/PLCC	24/28	Yes	Yes	
MEMORIES					
2532	DIP	28	Yes	Yes	
2532A	DIP	28	Yes	Yes	
2732A	DIP/PLCC	28/32	Yes	Yes	
27P32A	DIP/PLCC	28/32	Yes	Yes	
2764	DIP/PLCC	28/32	Yes	Yes	
27C64	DIP/PLCC	28/32	Yes	Yes	
27P64	DIP/PLCC	28/32	Yes	Yes	
27C010	DIP/PLCC	32	Yes	Yes	
27C010A	DIP/PLCC	32	Yes	Yes	
27PC010A	DIP/PLCC	32	Yes	Yes	
27C020	DIP/PLCC	32	Yes	Yes	
27PC020	DIP/PLCC	32	Yes	Yes	
27C020A	DIP/PLCC	32	Yes	Yes	
27PC020A	DIP/PLCC	32	Yes	Yes	
27C040	DIP/PLCC	32	Yes	Yes	
27PC040	DIP/PLCC	32	Yes	Yes	
27C040A	DIP/PLCC	32	Yes	Yes	
27PC040A	DIP/PLCC	32	Yes	Yes	
27128	DIP/PLCC	28/32	Yes	Yes	
27C128	DIP/PLCC	28/32	Yes	Yes	
27PC128	DIP/PLCC	28/32	Yes	Yes	
27C210	DIP/PLCC	40/44	Yes	Yes	
27C210A	DIP/PLCC	40/44	Yes	Yes	
27PC210A	DIP/PLCC	40/44	Yes	Yes	
27C240	DIP/PLCC	40/44	Yes	Yes	
27PC240	DIP/PLCC	40/44	Yes	Yes	
27C240A	DIP/PLCC	40/44	Yes	Yes	
27PC240A	DIP/PLCC	40/44	Yes	Yes	
27C256	DIP/PLCC	28/32	Yes	Yes	
27PC256	DIP/PLCC	28/32	Yes	Yes	
27C512	DIP/PLCC	28/32	Yes	Yes	
27PC512	DIP/PLCC	28/32	Yes	Yes	
28F010	DIP/PLCC	32	Yes	Yes	
28F200AS	TSOP	48	b	b	(b=TS-48A)
28F200AS	PSOP	44	a	a	(a=SO-44A)

Device	Package	Pins	1084	1044	Module
28F200BZB/T	PSOP	44	a	a	(a=SO-44A)
28F210	DIP/PLCC	40/44	Yes	Yes	
28F400AS	TSOP	48	b	b	(b=TS-48A)
28F400AS	PSOP	44	a	a	(a=SO-44A)
28F400BZB/T	PSOP	44	a	a	(a=SO-44A)
28F512	DIP/PLCC	32	Yes	Yes	
29F010	DIP/PLCC/TSOP	32	Yes	Yes	
29F040	DIP/PLCC/TSOP	32	Yes	Yes	
29LF040	DIP/PLCC/TSOP	32	Yes	Yes	
29VF040	DIP/PLCC/TSOP	32	Yes	Yes	
TBP18S10	DIP	16	Yes	Yes	
TBP18S30	DIP	16	Yes	Yes	
TBP24S10	DIP	16	Yes	Yes	
TBP24S41	DIP	18	Yes	Yes	
TBP24S81	DIP	18	Yes	Yes	
TBP24SA10	DIP	16	Yes	Yes	
TBP24SA41	DIP	16	Yes	Yes	
TBP24SA81	DIP	18	Yes	Yes	
TBP28L166	DIP	24	Yes	Yes	
TBP28L22	DIP	20	Yes	Yes	
TBP28L42	DIP	20	Yes	Yes	
TBP28L46	DIP	24	Yes	Yes	
TBP28L86A	DIP	24	Yes	Yes	
TBP28LA22	DIP	20	Yes	Yes	
TBP28S166	DIP	24	Yes	Yes	
TBP28S2708A	DIP	24	Yes	Yes	
TBP28S42	DIP	20	Yes	Yes	
TBP28S46	DIP	24	Yes	Yes	
TBP28S86A	DIP	24	Yes	Yes	
TBP28SA42	DIP	20	Yes	Yes	
TBP28SA46	DIP	24	Yes	Yes	

DSP

TBP28SA86A	DIP	24	Yes	Yes	
TMS27C291	DIP	24	Yes	Yes	
TMS27C291A	DIP	24	Yes	Yes	
TMS27C49	DIP	24	Yes	Yes	
TMS320E14	PLCC	68	Yes	Y	(AM-14)
TMS320P14	PLCC	68	Yes	Y	(AM-14)
TMS320E14	PGA	68	a	a	(AM-14G)
TMS320P14	PGA	68	a	a	(AM-14G)
TMS320E15	DIP/PLCC	40/44	Yes	Yes	
TMS320P15	DIP/PLCC	40/44	Yes	Yes	
TMS320E17	DIP/PLCC	40/44	Yes	Yes	
TMS320P17	DIP/PLCC	40/44	Yes	Yes	
TMS320C25	PLCC	68	Yes	Y	(AM-25)
TMS320E25	PLCC	68	Yes	Y	(AM-25)
TMS320P25	PLCC	68	Yes	Y	(AM-25)

TOSHIBA

2764	DIP/PLCC	28/32	Yes	Yes	
2764A	DIP/PLCC	28/32	Yes	Yes	
27128	DIP/PLCC	28/32	Yes	Yes	
27128A	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	
27256A	DIP/PLCC	28/32	Yes	Yes	
27256	DIP/PLCC	28/32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
27512	DIP/PLCC	28/32	Yes	Yes	
5464A	DIP/PLCC	28/32	Yes	Yes	
54128A	DIP/PLCC	28/32	Yes	Yes	
54256A	DIP/PLCC	28/32	Yes	Yes	
54512	DIP/PLCC	28/32	Yes	Yes	
541000	DIP/PLCC	32	Yes	Yes	
541001	DIP	32	Yes	Yes	
57256	DIP/PLCC	28/32	Yes	Yes	
57256A	DIP/PLCC	28/32	Yes	Yes	
571000	DIP/PLCC	32	Yes	Yes	
571001	DIP	32	Yes	Yes	
574000	DIP/PLCC	32	Yes	Yes	
574200	DIP	40	Yes	Yes	
578200	DIP	42	Yes	Yes	
5716200	DIP	42	Yes	Yes	
58F1001	DIP/PLCC	32	Yes	Yes	
58F400	TSOP	48	b	b	(b=TS-48A)
58F401	TSOP	48	b	b	(b=TS-48A)
58FVB160	TSOP	48	b	b	(b=TS-48A)
58FVT160	TSOP	48	b	b	(b=TS-48A)
58FVB321	TSOP	48	b	b	(b=TS-48A)
58FVT321	TSOP	48	b	b	(b=TS-48A)
58FVB400	TSOP	48	b	b	(b=TS-48A)
58FVB800	TSOP	48	b	b	(b=TS-48A)
58FVT400	TSOP	48	b	b	(b=TS-48A)
58FVT800	TSOP	48	b	b	(b=TS-48A)

TURBO IC

28C64A	DIP	28	Yes	Yes	
28C256A	DIP	28	Yes	Yes	

White Technology

C8-P31FM	DIP	40	Yes	Yes	
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WINBOND

27C010	DIP/PLCC	32	Yes	Yes	
27C020	DIP/PLCC	32	Yes	Yes	
27C020M	DIP/PLCC	32	Yes	Yes	
27C4096	DIP/PLCC	40/44	Yes	Yes	
27E010	DIP/PLCC	32	Yes	Yes	
27E020	DIP/PLCC	32	Yes	Yes	
27E040	DIP/PLCC	32	Yes	Yes	
27E257	DIP/PLCC	28/32	Yes	Yes	
27E512	DIP/PLCC	28/32	Yes	Yes	
27L010	DIP/PLCC	32	Yes	Yes	
29C010	DIP/PLCC/TSOP	32	Yes	Yes	
29C011A	DIP/PLCC/TSOP	32	Yes	Yes	
29C020	DIP/PLCC/TSOP	32	Yes	Yes	
29C040	DIP/PLCC/TSOP	32	Yes	Yes	
29C101P	PLCC	44	Yes	Yes	
29C101Q	TSOP	40	a	a	(a=TS-40CC)
29C102P	PLCC	44	Yes	Yes	
29C102Q	TSOP	40	a	a	(a=TS-40CC)
29EE010	DIP/PLCC/TSOP	32	Yes	Yes	
29EE011	DIP/PLCC/TSOP	32	Yes	Yes	
29EE512	DIP/PLCC/TSOP	32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
29F102P	PLCC	44	Yes	Yes	
29F102Q	TSOP	40	a	a	(a=TS-40CC)
49F002U	DIP/PLCC/TSOP	32	Yes	Yes	
49F020	DIP	32	Yes	Yes	
49F020P	PLCC	32	Yes	Yes	
49F020Q	TSOP	32	Yes	Yes	(TSOP-32E)
49L102P	PLCC	44	Yes	Yes	
49L102Q	TSOP	40	a	a	(a=TS-40CC)
49V002FP	PLCC	32	Yes	Yes	
49V002FQ	TSOP	32	a	a	(a=TSOP-32EC)
49V002P	PLCC	32	Yes	Yes	
49V002Q	TSOP	32	a	a	(a=TSOP-32EC)
78E51	DIP/PLCC	40/44	Yes	Yes	
78E51B	DIP/PLCC/QFP	40/44	Yes	Yes	
78E52	DIP/PLCC	40/44	Yes	Yes	
78E52B	DIP/PLCC/QFP	40/44	Yes	Yes	
78E54	DIP/PLCC	40/44	Yes	Yes	
78E54B	DIP/PLCC/QFP	40/44	Yes	Yes	
87E58	DIP/PLCC	40/44	Yes	Yes	

WSI

PLD

PSD100	PLCC	44	Yes	Yes	
PSD211R	PLCC/PQFP	44	Yes	Yes	
PSD301	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD301	TQFP	44	b	b	(b=UA-44QB)
PSD301L	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD301L	TQFP	44	b	b	(b=UA-44QB)
PSD301R	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD301R	TQFP	44	b	b	(b=UA-44QB)
PSD302	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD302	TQFP	44	b	b	(b=UA-44QB)
PSD302L	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD302L	TQFP	44	b	b	(b=UA-44QB)
PSD302R	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD302R	TQFP	44	b	b	(b=UA-44QB)
PSD303	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD303	TQFP	44	b	b	(b=UA-44QB)
PSD303L	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD303L	TQFP	44	b	b	(b=UA-44QB)
PSD303R	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD303R	TQFP	44	b	b	(b=UA-44QB)
PSD311	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD311	TQFP	44	b	b	(b=UA-44QB)
PSD311L	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD311L	TQFP	44	b	b	(b=UA-44QB)
PSD311R	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD311R	TQFP	44	b	b	(b=UA-44QB)
PSD312	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD312	TQFP	44	b	b	(b=UA-44QB)
PSD312L	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD312L	TQFP	44	b	b	(b=UA-44QB)
PSD312R	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD312R	TQFP	44	b	b	(b=UA-44QB)
PSD313	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD313	TQFP	44	b	b	(b=UA-44QB)

Device	Package	Pins	1084	1044	Module
PSD313L	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD313L	TQFP	44	b	b	(b=UA-44QB)
PSD313R	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
PSD313R	TQFP	44	b	b	(b=UA-44QB)
PSD401	PLCC	68	Yes	Y	(AM-PSD68)
PSD402	PLCC	68	Yes	Y	(AM-PSD68)
PSD403	PLCC	68	Yes	Y	(AM-PSD68)
PSD411	PLCC	68	Yes	Y	(AM-PSD68)
PSD412	PLCC	68	Yes	Y	(AM-PSD68)
PSD413	PLCC	68	Yes	Y	(AM-PSD68)
PSD501	PLCC	68	Yes	Y	(AM-PSD68)
PSD502	PLCC	68	Yes	Y	(AM-PSD68)
PSD503	PLCC	68	Yes	Y	(AM-PSD68)
PSD511	PLCC	68	Yes	Y	(AM-PSD68)
PSD512	PLCC	68	Yes	Y	(AM-PSD68)
PSD513	PLCC	68	Yes	Y	(AM-PSD68)
SAM448	DIP/PLCC	28	Yes	Yes	
ZPSD211R	PLCC/PQFP	44	Yes	Yes	
ZPSD301	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
ZPSD301	TQFP	44	b	b	(b=UA-44QB)
ZPSD302	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
ZPSD302	TQFP	44	b	b	(b=UA-44QB)
ZPSD303	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
ZPSD303	TQFP	44	b	b	(b=UA-44QB)
ZPSD311	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
ZPSD311	TQFP	44	b	b	(b=UA-44QB)
ZPSD312	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
ZPSD312	TQFP	44	b	b	(b=UA-44QB)
ZPSD313	PLCC/PQFP/PGA	44	Yes	Yes	(PGA=PX-44G)
ZPSD313	TQFP	44	b	b	(b=UA-44QB)

MEMORIES

27C64F	DIP/PLCC	28/32	Yes	Yes
27C64L	DIP/PLCC	28/32	Yes	Yes
27C128F	DIP/PLCC	28/32	Yes	Yes
27C128L	DIP/PLCC	28/32	Yes	Yes
27C256F	DIP/PLCC	28/32	Yes	Yes
27C256L	DIP/PLCC	28/32	Yes	Yes
27C512F	DIP/PLCC	28/32	Yes	Yes
27C512L	DIP/PLCC	28/32	Yes	Yes
27C010L	DIP/PLCC	32	Yes	Yes
27C210L	DIP/PLCC	40/44	Yes	Yes
57C64F	DIP/PLCC	28/32	Yes	Yes
57C128F	DIP/PLCC	28/32	Yes	Yes
57C256F	DIP/PLCC	28/32	Yes	Yes
57C257	DIP/PLCC	28/32	Yes	Yes
57C257F	DIP/PLCC	28/32	Yes	Yes
57C191	DIP	24	Yes	Yes
57C191B	DIP	24	Yes	Yes
57C191C	DIP	24	Yes	Yes
57C291	DIP	24	Yes	Yes
57C291B	DIP	24	Yes	Yes
57C291C	DIP	24	Yes	Yes
57C43	DIP	24	Yes	Yes
57C43B	DIP	24	Yes	Yes
57C43C	DIP	24	Yes	Yes
57C45	DIP	24	Yes	Yes

Device	Package	Pins	1084	1044	Module
57C45C	DIP	24	Yes	Yes	
57C49	DIP	24	Yes	Yes	
57C49B	DIP	24	Yes	Yes	
57C49C	DIP	24	Yes	Yes	
57C51	DIP	28	Yes	Yes	
57C51B	DIP	28	Yes	Yes	
57C51C	DIP	28	Yes	Yes	
57C71C	DIP/PLCC	28/28	Yes	Yes	

XICOR

22C10	DIP	18	Yes	Yes	
22C12	DIP	18	Yes	Yes	
2444	DIP/SOIC	8	Yes	Yes	
24012	DIP/SOIC	8	Yes	Yes	
24022	DIP/SOIC	8	Yes	Yes	
24042	DIP/SOIC	8	Yes	Yes	
24128	DIP	8	Yes	Yes	
24164	DIP/SOIC	8	Yes	Yes	
24165	DIP/SOIC	8	Yes	Yes	
24325	DIP/SOIC	8	Yes	Yes	
24645	DIP/SOIC	8	Yes	Yes	
24C00	DIP/SOIC	8	Yes	Yes	
24C01	DIP/SOIC	8	Yes	Yes	
24C01A	DIP/SOIC	8	Yes	Yes	
24C02	DIP/SOIC	8	Yes	Yes	
24C04	DIP/SOIC	8	Yes	Yes	
24C08	DIP/SOIC	8	Yes	Yes	
24C16	DIP/SOIC	8	Yes	Yes	
24C44	DIP/SOIC	8	Yes	Yes	
24F064	DIP/SOIC	8	Yes	Yes	
25020	DIP/SOIC/TSSOP	8	Yes	Yes	
25021	DIP/SOIC/TSSOP	8	Yes	Yes	
25040	DIP/SOIC/TSSOP	8	Yes	Yes	
25041	DIP/SOIC/TSSOP	8	Yes	Yes	
25043	DIP/SOIC/TSSOP	8	Yes	Yes	
25045	DIP/SOIC/TSSOP	8	Yes	Yes	
25080	DIP/SOIC/TSSOP	8	Yes	Yes	
25128	DIP/SOIC/TSSOP	8	Yes	Yes	
25138	DIP/SOIC/TSSOP	8	Yes	Yes	
25160	DIP/SOIC	8	Yes	Yes	
25160	TSSOP	14	Yes	Yes	
25C02	DIP/SOIC	8	Yes	Yes	
25F008	DIP/SOIC	8	Yes	Yes	
2804A	DIP/PLCC	24/32	Yes	Yes	
2816A	DIP/PLCC	28/32	Yes	Yes	
2816B	DIP/PLCC	28/32	Yes	Yes	
2864	DIP/PLCC	28/32	Yes	Yes	
2864A	DIP/PLCC	28/32	Yes	Yes	
2864AT	DIP/PLCC	28/32	Yes	Yes	
2864B	DIP/PLCC	28/32	Yes	Yes	
28HC64	DIP/PLCC	28/32	Yes	Yes	
28256	DIP/PLCC	28/32	Yes	Yes	
28C256	DIP/PLCC	28/32	Yes	Yes	
28HC256	DIP/PLCC	28/32	Yes	Yes	
28VC256	DIP/PLCC	28/32	Yes	Yes	
28C512	DIP/PLCC	32	Yes	Yes	
28HT512	DIP/PLCC	32	Yes	Yes	

Device	Package	Pins	1084	1044	Module
28C010	DIP/PLCC	32	Yes	Yes	
28HT010	DIP/PLCC	32	Yes	Yes	
28C020	DIP/PLCC	32	Yes	Yes	
XILINX					
1701	DIP	8	Yes	Yes	
1701	SOIC	20	Yes	Yes	(SO-28A)
1701	PLCC	20	Yes	Yes	
1701L	DIP	8	Yes	Yes	
1701L	SOIC	28	Yes	Yes	(SO-28A)
1701L	PLCC	20	Yes	Yes	
1702L	PLCC	44	Yes	Yes	
1702L	TQFP	44	a	a	(a=UA-44TQ)
1704L	PLCC	44	Yes	Yes	
1704L	TQFP	44	a	a	(a=UA-44TQ)
17128	DIP/SOIC	8	Yes	Yes	
17128	PLCC	20	Yes	Yes	
17128D	DIP/SOIC	8	Yes	Yes	
17128D	PLCC	20	Yes	Yes	
17128E	DIP/VOIC	8	Yes	Yes	
17128E	PLCC	20	Yes	Yes	
17128EL	DIP/SOIC	8	Yes	Yes	
17128EL	PLCC	20	Yes	Yes	
17128L	DIP/SOIC	8	Yes	Yes	
17128L	PLCC	20	Yes	Yes	
17128X	DIP/VOIC	8	Yes	Yes	
17128X	PLCC	20	Yes	Yes	
1718D	DIP/SOIC	8	Yes	Yes	
1718D	PLCC	20	Yes	Yes	
1718L	DIP/SOIC	8	Yes	Yes	
1718L	PLCC	20	Yes	Yes	
17256D	DIP/SOIC	8	Yes	Yes	
17256D	PLCC	20	Yes	Yes	
17256E	DIP/VOIC	8	Yes	Yes	
17256E	PLCC	20	Yes	Yes	
17256EL	DIP/SOIC	8	Yes	Yes	
17256EL	PLCC	20	Yes	Yes	
17256L	DIP/SOIC	8	Yes	Yes	
17256L	PLCC	20	Yes	Yes	
17256X	DIP/VOIC	8	Yes	Yes	
17256X	PLCC	20	Yes	Yes	
1736	DIP/SOIC	8	Yes	Yes	
1736	PLCC	20	Yes	Yes	
1736A	DIP/SOIC	8	Yes	Yes	
1736A	PLCC	20	Yes	Yes	
1736D	DIP/SOIC	8	Yes	Yes	
1736D	PLCC	20	Yes	Yes	
1736E	DIP/SOIC/VOIC	8	Yes	Yes	
1736E	PLCC	20	Yes	Yes	
17512L	DIP	8	Yes	Yes	
17512L	SOIC	20	Yes	Yes	
17512L	PLCC	20	Yes	Yes	
1765	DIP/SOIC	8	Yes	Yes	
1765	PLCC	20	Yes	Yes	
1765D	DIP/SOIC	8	Yes	Yes	
1765D	PLCC	20	Yes	Yes	
1765E	DIP/SOIC/VOIC	8	Yes	Yes	

Device	Package	Pins	1084	1044	Module
1765E	PLCC	20	Yes	Yes	
1765EL	DIP/SOIC	8	Yes	Yes	
1765EL	PLCC	20	Yes	Yes	
1765L	DIP/SOIC	8	Yes	Yes	
1765L	PLCC	20	Yes	Yes	
1765X	DIP/SOIC/VOIC	8	Yes	Yes	
1765X	PLCC	20	Yes	Yes	
17S05P	DIP	8	Yes	Yes	
17S05V	VOIC	8	b	b	(b=SO-8B)
17S05LP	DIP	8	Yes	Yes	
17S05LV	VOIC	8	b	b	(b=SO-8B)
17S05XLP	DIP	8	Yes	Yes	
17S05XLV	VOIC	8	b	b	(b=SO-8B)
17S10P	DIP	8	Yes	Yes	
17S10V	VOIC	8	b	b	(b=SO-8B)
17S10LP	DIP	8	Yes	Yes	
17S10LV	VOIC	8	b	b	(b=SO-8B)
17S10XLP	DIP	8	Yes	Yes	
17S10XLV	VOIC	8	b	b	(b=SO-8B)
17S20P	DIP	8	Yes	Yes	
17S20V	VOIC	8	b	b	(b=SO-8B)
17S20LP	DIP	8	Yes	Yes	
17S20LV	VOIC	8	b	b	(b=SO-8B)
17S20XLP	DIP	8	Yes	Yes	
17S20XLV	VOIC	8	b	b	(b=SO-8B)
17S30P	DIP	8	Yes	Yes	
17S30V	VOIC	8	b	b	(b=SO-8B)
17S30LP	DIP	8	Yes	Yes	
17S30LV	VOIC	8	b	b	(b=SO-8B)
17S30XLP	DIP	8	Yes	Yes	
17S30XLV	VOIC	8	b	b	(b=SO-8B)
17S40P	DIP	8	Yes	Yes	
17S40S	SOIC	20	Yes	Yes	(SO-28A)
17S40LP	DIP	8	Yes	Yes	
17S40LS	SOIC	20	Yes	Yes	(SO-28A)
17S40LV	VOIC	8	b	b	(b=SO-8B)
17S40XLP	DIP	8	Yes	Yes	
17S40XLS	SOIC	20	Yes	Yes	(SO-28A)
17S40XLV	VOIC	8	b	b	(b=SO-8B)
17S50LP	DIP	8	Yes	Yes	
17S50LS	SOIC	20	Yes	Yes	(SO-28A)
17S50XLP	DIP	8	Yes	Yes	
17S50XLS	SOIC	20	Yes	Yes	(SO-28A)
17S100LP	DIP	8	Yes	Yes	
17S100LS	SOIC	20	Yes	Yes	(SO-28A)
17S100XLP	DIP	8	Yes	Yes	
17S100XLS	SOIC	20	Yes	Yes	(SO-28A)
17S150LP	DIP	8	Yes	Yes	
17S150LS	SOIC	20	Yes	Yes	(SO-28A)
17S150XLP	DIP	8	Yes	Yes	
17S150XLS	SOIC	20	Yes	Yes	(SO-28A)
18V01JC	PLCC	20	Yes	Yes	
18V01SC	SOIC	20	Yes	Yes	(SO-28A)
18V01VQ	VQFP	44	Yes	Yes	(UA-44TQ)
18V02PC	PLCC	44	Yes	Yes	(UA-44/UPA)
18V02VQ	VQFP	44	Yes	Yes	(UA-44TQ)
18V04PC	PLCC	44	Yes	Yes	(UA-44/UPA)

Device	Package	Pins	1084	1044	Module
18V04VQ	VQFP	44	Yes	Yes	(UA-44TQ)
18V256JC	PLCC	20	Yes	Yes	
18V256SC	SOIC	20	Yes	Yes	(SO-28A)
18V256VQ	VQFP	44	Yes	Yes	(UA-44TQ)
18V512JC	PLCC	20	Yes	Yes	
18V512SC	SOIC	20	Yes	Yes	(SO-28A)
18V512VQ	VQFP	44	Yes	Yes	(UA-44TQ)
7236PC44,WC44	PLCC	44	Yes	.	
7272PC68,WC68	PLCC	68	Yes	.	
7272APC68,WC68	PLCC	68	Yes	.	
7272PC84,WC84	PLCC	84	Yes	.	
7272APC84,WC84	PLCC	84	Yes	.	
73108PC84,WC84	PLCC	84	Yes	.	(AM-XC84)
73108PG144	PGA	144	a	.	(AM-XC144G)
73108PQ160	QFP	160	a	.	(AM-XC160Q)
7318PC44,WC44	PLCC	44	Yes	Yes	(AM-XC44)
7318PQ44	QFP	44	Yes	Yes	(AM-XC44Q)
7336PC44,WC44	PLCC	44	Yes	Yes	(AM-XC44)
7336PQ44	QFP	44	Yes	Yes	(AM-XC44Q)
7354PC44,WC44	PLCC	44	Yes	Yes	(AM-XC44)
7354PQ44	QFP	44	Yes	Yes	(AM-XC44Q)
7354WC44	PLCC	44	Yes	Yes	(AM-XC44)
7354PC68	PLCC	68	Yes	.	(AM-XC68)
7372PC68,WC68	PLCC	68	Yes	.	(AM-XC68)
7372PC84,WC84	PLCC	84	Yes	.	(AM-XC84)
7372PQ100	QFP	100	a	.	(AM-XC100Q)
95108PC84	PLCC	84	Yes	.	(UPA-84)
95108PQ100	QFP	100	Yes	.	(AM-XC100Q)
95108PQ160	PQFP	160	a	.	(AM-XC160Q)
95216PQ160	PQFP	160	a	.	(AM-XC160Q)
9536PC44	PLCC	44	Yes	Yes	
9536VQ44	VQFP	44	Yes	Yes	
9536XLPC44	PLCC	44	Yes	Yes	
9536XLVQ64	VQFP	64	Yes	.	(UA-64TQ)
9572PC44	PLCC	44	Yes	Yes	
9572PC84	PLCC	84	Yes	.	
9572VQ44	VQFP	44	Yes	Yes	(UA-44TQ)
9572XLVQ64	VQFP	64	Yes	.	(UA-64TQ)
XCR22V10	DIP/PLCC	24/28	Yes	Yes	
XCR22LV10	DIP/PLCC	24/28	Yes	Yes	
XCR3032	PLCC	44	Yes	Yes	(AM-PZ44)
XCR3032	TQFP	44	Yes	Yes	(UA-44TQ)
XCR3032C	PLCC	44	Yes	Yes	(UA-44/UPA)
XCR3032C	TQFP	44	Yes	Yes	(UA-44TQ)
XCR3064	PLCC	44	Yes	Yes	(AM-PZ44)
XCR3064	TQFP	44	Yes	Yes	(UA-44TQ)
XCR3064	PLCC	68	Yes	a	(AM-PZ68)
XCR3064	PLCC	84	Yes	a	(AM-PZ84)
XCR3064	TQFP	100	.	.	(UA-100TQ)
XCR3064A	PLCC	44	Yes	Yes	(UA-44/UPA)
XCR3064A	TQFP	44	Yes	Yes	(UA-44TQ)
XCR3064A	TQFP	100	.	.	(UA-100TQ)
XCR5032	PLCC	44	Yes	Yes	(AM-PZ44)
XCR5032	TQFP	44	Yes	Yes	(UA-44TQ)
XCR5032C	PLCC	44	Yes	Yes	(UA-44/UPA)
XCR5032C	TQFP	44	Yes	Yes	(UA-44TQ)
XCR5032C	PLCC	44	Yes	Yes	(AM-PZ44)

Device	Package	Pins	1084	1044	Module
XCR5064	TQFP	44	Yes	Yes	(UA-44TQ)
XCR5064	PLCC	68	Yes	a	(AM-PZ68)
XCR5064	PLCC	84	Yes	a	(AM-PZ84)
XCR5064	TQFP	100	.	.	(UA-100TQ)
XCR5064C	PLCC	44	Yes	Yes	(UA-44/UPA)
XCR5064C	TQFP	44	Yes	Yes	(UA-44TQ)
XCR5064C	TQFP	100	.	.	(UA-100TQ)

ZILOG

Z86E02	DIP	18	Yes	Yes	
Z86E04	DIP	18	Yes	Yes	
Z86E06	DIP	18	Yes	Yes	
Z86E08	DIP	18	Yes	Yes	
Z86E21	DIP	40	Yes	Yes	
Z86E30	DIP	28	Yes	Yes	
Z86E31	DIP	28	Yes	Yes	
Z86E40	DIP	40	Yes	Yes	
Z86E61	DIP	40	Yes	Yes	
Z86E63	DIP	40	Yes	Yes	
Z86E63	PLCC	44	Yes	Yes	(UPA-44/UPA-84)

Device specific information for the Quasar Plus programmers.

NOTES

Yes = DIPs supported on standard equipment. Other packages supported by:

- (1) universal adaptors such as UPA or UA,
- (2) generic PX, SOIC or TSOP modules,
- (3) as a lower cost alternative to universal adaptors, use specific module as indicated

Y = Specific module (as indicated) is available to support this device on a programmer with less pin-drivers than the number of pins on the device. This represents a lower cost alternative to getting a bigger programmer or a universal adaptor.

a, b, c, etc. = requires family module or specific module as indicated.

ADAPTORS

Where not indicated otherwise, the following adaptors may be used for the specified package. For further information and to check your specific device/programmer combination please contact Stag sales department before purchase.

8 SOIC	Adaptor SO-8B
20, 24 SOIC	Adaptor SO-28A
32 TSOP	Adaptor TSOP-32E
8, 20 TSSOP	Adaptor TSS-20
8 VOIC	Adaptor SO-8B
32 VSOP	Adaptor TSOP-32EC

ALTERA Jam PLDs

All AJ-xx adaptors require AJ-CB, a JAM programming cable. Supported by JAM/STAPLE programming method. Use Altera MAX+PLUSII s/w.

ATMEL 24xx, 25xx and 93Cxx

These devices can also be programmed in-circuit using AM-SCB (ISP programming cable).

CATALYST 24xx and 93Cxx

These devices can also be programmed in-circuit using AM-SCB (ISP programming cable).

CYPRESS Jam CPLDs

AJ-CYxx adaptors require AJ-CYCB, an in-circuit programming cable for Cypress Devices. Supported by JAM/STAPLE programming method. Use Cypress ISR s/w.

FAIRCHILD 24xx, 25xx and 93xx

These devices can also be programmed in-circuit using AM-SCB (ISP programming cable).

LATTICE VANTIS CPLDs

AJ-Vxx adaptors include ISP programming cable AJ-LCB. Supported with the JAM/STAPL programming method. Use Lattice ispVM s/w.

LATTICE RALs

The entries for RAL devices indicate GAL16V8/20V8 cross programming.

MICROCHIP 24xx, 25xx and 93Cxx

These devices can also be programmed in-circuit using AM-SCB (ISP programming cable).

MICROCHIP PICs

Please note: For all Microchip PICs that are ISP-programmable (ie. except 16C54, 55, 56, 57, 17C42, 43, 44), use AM-PCB (ISP programming cable) for in-circuit programming.

Device Support List for Quasar Plus 1044 & 1084

Use adaptor SO-28A for 14 to 28-pin SOICs (300 mil body, 50 mil pitch) and adaptor SS-28A for 20 to 28-pin SSOPs (body width 5.3mm, 0.65 mm pitch) unless indicated otherwise.

NATIONAL 24xx, 25xx and 93xx

These devices can also be programmed in-circuit using AM-SCB (ISP programming cable).

STMicroelectronics 24xx, 25xx, 93xx and 95xx

These devices can also be programmed in-circuit using AM-SCB (ISP programming cable).

XICOR 24xx and 25xx

These devices can also be programmed in-circuit using AM-SCB (ISP programming cable).