



Multi Chip Package (MCP)

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
32+4	(4Mx8 / 2Mx16) + 4M	A82DL32x4T(U)G	3.3	Flash + SRAM	√

Parallel NOR FLASH

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
16	2M x 8 / 1M x 16	A29161A	5.0	Boot Sector (AMD device code)	√
16	2M x 8 / 1M x 16	A29160A	5.0	Boot Sector	√
8	1M x 8 / 512K x 16	A29801A	5.0	Boot Sector (AMD device code)	√
8	1M x 8 / 512K x 16	A29800	5.0	Boot Sector	√
4	512K x 8	A29040B	5.0	Uniform	√
2	256K x 8	A29002	5.0	Boot Sector	√
2	256K x 8	A290021	5.0	Boot Sector	√
1	128K x 8	A29010	5.0	Uniform	√
1	128K x 8	A29001	5.0	Boot Sector	√
1	128K x 8	A290011	5.0	Boot Sector	√

SPI Serial FLASH

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
64	64M x 1	A25LQ64 *	3.0	4Kb Uniform, Quad/Dual/Single IO, -40c ~ 125c	√
32	32M x 1	A25LQ32A *	3.0	4Kb Uniform, Quad/Dual/Single IO	√
32	32M x 1	A25L032 *	3.0	4Kb Uniform, Dual/Single IO	√
16	16M x 1	A25LQ16	3.0	4Kb Uniform, Quad/Dual/Single IO	√
16	16M x 1	A25L016	3.0	4Kb Uniform, Dual/Single IO	√
8	8M x 1	A25L080	3.0	4Kb Uniform, Dual/Single IO	√
4	4M x 1	A25L040A *	3.0	4Kb Uniform, Dual/Single IO	√
4	4M x 1	A25P040	2.3	4Kb Uniform, Dual/Single IO	√
2	2M x 1	A25P020	2.3	4Kb Uniform, Dual/Single IO	√
2	2M x 1	A25L020C	3.0	4Kb Uniform, Dual/Single IO	√
1	1M x 1	A25L010A *	3.0	4Kb Uniform, Dual/Single IO, -40c ~ 125c	√
1	1M x 1	A25LM010 *	3.0	32Kb Uniform, Dual/Single IO, -40c ~ 125c	√
1	1M x 1	A25P010	2.3	4Kb Uniform, Dual/Single IO, -40c ~ 125c	√
0.5	512K x 1	A25L512A	3.0	4Kb Uniform, Dual/Single IO	√
0.5	512K x 1	A25P512	2.3	4Kb Uniform, Dual/Single IO	√

Note * = Also available in -40/+125 dgr C and AEC-Q100 grade-3 certification

One time PROM

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
2	256K x 8	A27020	5.0	OTP ROM	√



Low Power / Standard Synchronous DRAM (SDRAM)

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
512	32M x 16	A43L5616	3.3	166Mhz, 143Mhz, -40/+85	√
256	16M x 16	A43L4616A	3.3	166Mhz, 143Mhz, -40/+85	√
128	8M x 16	A43L3616A	3.3	166Mhz, 143Mhz, -40/+85	√
64	4M x 16	A43L2616B	3.3	166Mhz, 143Mhz, -40/+85	√
32	2M x 16	A43L1616	3.3	166Mhz, 143Mhz, -40/+85	√
16	1M x 16	A43L0616B	3.3	166Mhz, 143Mhz, -40/+85	√

DDR1 Synchronous DRAM

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
256	16M x 16	A48P4616B	2.5	DDR400, -40/+85	√
128	8M x 16	A48P3616B	2.5	DDR400, -40/+85	√
64	2M x 16	A48P2616	2.5	DDR400, -40/+85	√

Low Power Asynchronous SRAM

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
8	512K x 16	LP62S16512A	3.0		√
4	512K x 8	LP62S4096E	3.0		√
4	256K x 16	LP62S16256G	3.0		√
4	256K x 16	LP62S16256H	3.0		√
2	256K x 8	LP62S2048A	3.0		√
2	128K x 16	LP62S16128B	3.0		√
2	128K x 16	LP62E16128A	1.8		√
1	64K x 16	LP62S1664C	3.0		√
1	64K x 16	LP621664	5.0		√
1	128K x 8	LP62S1024B	3.0		√
1	128K x 8	LP621024D	5.0		√
1	128K x 8	LP621024E	5.0		√
256Kb	32K x 8	A625308A	5.0		√
64Kb	8K x 8	A623308A	5.0		√

RF-ID Tag IC

ISO	frequency	Part Number	Notes	Availability
15693	13.56MHz	A9214-A	1Kbits EEPROM	√
15693	13.56MHz	A9216-A	1Kbits EEPROM with ENCRYPTION Function	√
14443A	13.56MHz	A9219-A	512bits EEPROM	√

Light Sensor

Pin Count	Part Number	Package type	Feature	Availability
6	ASR8603-N	OCDFN	ALS,PS,SUVI,NIR sensor	√
8	ASR8823-BA	OCDFN 2.50*1.35*0.8mm	ALS,PS,SUVI,NIR sensor combo with VCSEL	√

NVM Memory IP (please contact AMIC for details)