



## 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
512	64M x 8 / 32M x 16	A29L512	3.0	Boot Sector	Q3/2014
256	32M x 8 / 16M x 16	A29L256	3.0	Boot Sector	Q3/2014
128	4M x 8 / 2M x 16	A29L128	3.0	Boot Sector	Q3/2014
64	8M x 8 / 4M x 16	A29L640A	3.0	Boot Sector	Q4/2014
32	4M x 8 / 2M x 16	A29L320A	3.0	Boot Sector	√
32	4M x 8 / 2M x 16	A29L320B	3.0	Boot Sector	Q4/2014
16	2M x 8 / 1M x 16	A29L160A	3.0	Boot Sector	EOL
16	2M x 8 / 1M x 16	A29L160B	3.0	Boot Sector	Q1/2014
16	2M x 8 / 1M x 16	A29160	5.0	Boot Sector (AMD device code)	EOL
16	2M x 8 / 1M x 16	A29160A	5.0	Boot Sector (AMD device code)	Q1/2014
8	1M x 8 / 512K x 16	A29L800A	3.0	Boot Sector	EOL
8	1M x 8 / 512K x 16	A29L800B	3.0	Boot Sector	Q1/2014
8	1M x 8 / 512K x 16	A29801	5.0	Boot Sector (AMD device code)	EOL
8	1M x 8 / 512K x 16	A29801A	5.0	Boot Sector (AMD device code)	Q1/2014
8	1M x 8 / 512K x 16	A29800	5.0	Boot Sector	EOL
8	1M x 8 / 512K x 16	A29800A	5.0	Boot Sector	Q1/2014
8	1M x 8	A29L008A	3.0	Boot Sector	EOL
8	1M x 8	A29L008B	3.0	Boot Sector	Q1/2014
4	512K x 8 / 256K x 16	A29L400A	3.0	Boot Sector	EOL
4	512K x 8 / 256K x 16	A29L400B	3.0	Boot Sector	Q1/2014
4	512K x 8	A29L040	3.0	Uniform	EOL
4	512K x 8	A29L040A	3.0	Uniform	Q1/2014
4	512K x 8	A29L004A	3.0	Boot Sector	EOL
4	512K x 8	A29L004B	3.0	Boot Sector	Q1/2014
4	512K x 8	A29040B	5.0	Uniform	EOL
4	512K x 8	A29040C	5.0	Uniform	Q1/2014
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	EOL
1	128K x 8	A29010A	5.0	Uniform	Q1/2014
1	128K x 8	A29001	5.0	Boot Sector	EOL
1	128K x 8	A29001A	5.0	Boot Sector	Q1/2014
1	128K x 8	A290011	5.0	Boot Sector	EOL
1	128K x 8	A290011A	5.0	Boot Sector	Q1/2014

## SPI Serial FLASH

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
128	128M x 1	A25LQ128	3.0	4Kb Uniform, Quad/Dual/Single IO	Q3/2014
64	64M x 1	A25LQ64	3.0	4Kb Uniform, Quad/Dual/Single IO, -40c ~ 125c	√
32	32M x 1	A25LQ32	3.0	4Kb Uniform, Quad/Dual/Single IO	√
32	32M x 1	A25LQ32A	3.0	4Kb Uniform, Quad/Dual/Single IO	Q2/2014
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	Q2/2014
16	16M x 1	A25L016	3.0	4Kb Uniform, Dual/Single IO	√
8	8M x 1	A25L080	3.0	4Kb Uniform, Dual/Single IO	√
8	8M x 1	A25LQ080	3.0	4Kb Uniform, Quad/Dual/Single IO	Q2/2014
4	4M x 1	A25L040	3.0	4Kb Uniform, Dual/Single IO	√
4	4M x 1	A25L040A	3.0	4Kb Uniform, Dual/Single IO	√
2	2M x 1	A25L020	3.0	4Kb Uniform, Dual/Single IO	EOL
2	2M x 1	A25L020A	3.0	4Kb Uniform, PCmonitor	EOL
2	2M x 1	A25L020B	3.0	4Kb Uniform, PC green monitor	EOL



2	2M x 1	A25L020C	3.0	4Kb Uniform, Dual/Single IO	√
1	1M x 1	A25L010	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	√
0.5	512K x 1	A25L512	3.0	4Kb Uniform, Dual/Single IO	√

### 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
256	16M x 16	A43L4616A	3.3		√
128	8M x 16	A43L3616A	3.3		√
64	4M x 16	A43L2616B	3.3		√
64	4M x 16	A43E26161	1.8		√
64	4M x 16	A43P26161	2.5		√
32	2M x 16	A43L1616	3.3		√
32	2M x 16	A43E1616	1.8		√
32	1M x 32	A43E06321	1.8		√
16	1M x 16	A43L0616B	3.3		√

### Standard DDR DRAM (DDR1)

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
256	16M x 16	A48P4616B	2.5	200Mhz	√
128	8M x 16	A48P3616B	2.5	200Mhz	√

### Low Power Asynchronous SRAM

Density Mb	Configuration	Part Number	Vcc V	Notes	Availability
8	512K x 16	LP62S16512	3.0		√
8	512K x 16	LP62E16512	1.8		√
4	512K x 8	LP62S4096E	3.0		√
4	256K x 16	LP62S16256G	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	A9210-B	2Kbits OTP	√
15693	13.56MHz	A9212-A	4Kbits EEPROM	√
15693	13.56MHz	A9322-A	NFC Atag, 4Kbits EEPROM	√
15693	13.56MHz	A9324-A	NFC Atag, 512bits EEPROM	Q2/2014
14443A	13.56MHz	A9211-B	2Kbits OTP	√
14443A	13.56MHz	A9215-A	512bits EEPROM	Q2/2014
14443A	13.56MHz	A9323-A	NFC Atag, 2Kbits EEPROM	√
14443A	13.56MHz	A9325-A	NFC Atag, 512bits EEPROM	Q2/2014