

### Atmel Flash Product Line at a Glance

Device	Density	Organization	VCC	Speed	Packages	New Design
<b>Standard</b>						
AT29C256	256K	32K x 8	5V	70/90/120/150/200/250	J, P, T	
AT29C257	256K	32K x 8	5V	70/90/120/150/200	J	
AT29C512	512K	64K x 8	5V	70/90/120/150/200	J, P, T	Y
AT29C1024	1M	64K x 16	5V	70/90/120/150	J, T	
AT29C010A	1M	128K x 8	5V	70/90/120/150	J, P, T	Y
AT29C020	2M	256K x 8	5V	90/100/120/150	J, P, T	Y
AT29C040A	4M	512K x 8	5V	70/90/100/120/150	J,P, T	Y
AT49F512	512K	64K x 8	5V	55/70/90	J, P, T, V	Y
AT49F001(N)(T)	1M	128K x 8	5V	55/70/90/120	J, P, T, V	Y
AT49F1024	1M	64K x 16	5V	45/55/70/90	V	Y
AT49F1025	1M	64K x 16	5V	45/55/70/90	J, V	Y
AT49F002(N)(T)	2M	256K x 8	5V	55/70/90/120	J, P, T, V	Y
AT49F2048A	2M	256K x 8, 128K x 16	5V	70/90/120	R, T	Y
AT49F040	4M	512K x 8	5V	55/70/90/120	J, P, T, V	Y
AT49F4096A	4M	512K x 8, 256K x 16	5V	70/90/120	R, T	Y
AT49F400(T)	4M	512K x 8, 256K x 16	5V	55/70/90	C,T	Y
AT49F008A(T)	8M	1M x 8	5V	90/120	C,R, T	Y
AT49F8192A(T)	8M	1M x 8, 512K x 16	5V	90/120	C,R, T	Y
AT49F8011(T)	8M	1M x 8, 512K x 16	5V	90/120	T, C	Y
<b>Battery-Voltage™ (BV)</b>						
AT29BV010A	1M	128K x 8	2.7 - 3.6V	200/250	J, T	Y
AT29BV020	2M	256K x 8	2.7 - 3.6V	110/120/200/250	J, T	Y
AT29BV040A	4M	512K x 8	2.7 - 3.6V	250	J,T	Y
AT49BV512	512K	64K x 8	2.7 - 3.6V	90/120/150	J, P, T, V	Y
AT49BV001(N)(T)	1M	128K x 8	2.7 - 3.6V	90/120	J, P, T, V	Y
AT49BV002(N)(T)	2M	256K x 8	2.7 - 3.6V	90/120	J, P, T, V	Y
AT49BV2048A	2M	256K x 8, 128K x 16	2.7 - 3.6V	70/90/120	R, T	Y
AT49BV040	4M	512K x 8	2.7 - 3.6V	90/120	J, T, V	Y
AT49BV4096A	4M	512K x 8, 256K x 16	2.7 - 3.6V	70/90/120	R, T	Y
AT49BV400(T)	4M	512K x 8, 256K x 16	2.7 - 3.6V	90/120	C,T	Y
AT49BV008A(T)	8M	512K x 16	2.7 - 3.6V	100/120/150	C,R, T	Y
AT49BV8192A(T)	8M	1M x 8, 512K x 16	2.7 - 3.6V	100/120/150	C,R, T	Y
AT49BV8011(T)	8M	1M x 8, 512K x 16	2.7 - 3.6V	110/120	T, C	Y
AT49BV160(T)	16M	1M x 16	2.7 - 3.3V	70/90	C,T	Y
AT49BV161(T)	16M	2M x 8, 1M x 16	2.7 - 3.3V	70/90	C, T	Y
AT49BV1604(T)	16M	1M x 16	2.7 - 3.3V	90/110	U	
AT49BV1614(T)	16M	2M x 8, 1M x 16	2.7 - 3.3V	90/110	C, T	
AT49BV1611T	16M	2M x 8, 1M x 16	2.7 - 3.3V	70/90/110	C	Y
AT49BV1604A(T)	16M	1M x 16	2.7 - 3.3V	70/90	C,T	
AT49BV1614A(T)	16M	2M x 8, 1M x 16	2.7 - 3.3V	70/90	C,T	Y
AT49BV320(T)	32M	2M x 16	2.7 - 3.3V	85/90/110	T,U	Y
AT49BV321(T)	32M	4M x 8, 2M x 16	2.7 - 3.3V	85/90/110	C,T	Y
AT49BV3214T	32M	4M x 8, 2M x 16	2.7 - 3.3V	90	C,T	Y
AT49BV3218(T)	32M	4M x 8, 2M x 16	2.7 - 3.3V	85/90/110	C,T	Y
<b>Low-Voltage (LV)</b>						
AT29LV256	256K	32K x 8	3.0 - 3.6V	150/200/250	J, T	Y
AT29LV512	512K	64K x 8	3.0 - 3.6V	150/200/250	J, T	Y
AT29LV010A	1M	128K x 8	3.0 - 3.6V	150/200/250	J, T	Y
AT29LV1024	1M	64K x 16	3.0 - 3.6V	150/200	J, T	Y
AT29LV020	2M	256K x 8	3.0 - 3.6V	100/110/200/250	J, T	Y
AT29LV040A	4M	512K x 8	3.0 - 3.6V	200/250	J,T	Y
AT49LV001(N)(T)	1M	128K x 8	3.0 - 3.6V	70/90/120	J, P, T, V	Y
AT49LV002(N)(T)	2M	256K x 8	3.0 - 3.6V	70/90/120	J, P, T, V	Y
AT49LV2048A	2M	256K x 8, 128K x 16	3.0 - 3.6V	70/90/120/150	R, T	Y
AT49LV040	4M	512K x 8	3.0 - 3.6V	70/90/120	J, T, V	Y
AT49LV4096A(T)	4M	512K x 8, 256K x 16	3.0 - 3.6V	70/90/120	R, T	Y
AT49LV400(T)	4M	512K x 8, 256K x 16	3.0 - 3.6V	70/90	C,T	Y
AT49LV008A(T)	8M	512K x 16	3.0 - 3.6V	90/120/150	C,R, T	Y
AT49LV8192A(T)	8M	512K x 16	3.0 - 3.6V	90/120/150	C,R, T	Y
AT49LV161(T)	16M	2M x 8, 1M x 16	3.0 - 3.6V	70	C,T	Y
AT49LV1614A(T)	16M	2M x 8, 1M x 16	3.0 - 3.6V	70	C,T	Y
AT49LV320(T)	32M	2M x 16	3.0 - 3.6V	90	T	Y
AT49LV321(T)	32M	4M x 8, 2M x 16	3.0 - 3.6V	90	C,T	Y

Refer To data sheets for temperature options

#### Options

(N) – No Reset
(T) – Top Boot

#### Packaging

C – CBGA	J – PLCC
P – PDIP	R – SOIC
T – TSOP	V – VSOP
U – UBGA	

#### Temperature Range

C – Com (0° to 70°C)
I – Ind (-40°C to 85°C)

#### Voltage

F / C – Standard Voltage (4.5 to 5.5V)
LV – Low Voltage (3.0 to 3.6V)
BV – Battery Voltage (2.7 to 3.6V or 2.7V to 3.3V)