Atmel Flash Product Line at a Glance

Device	Density	Organization	VCC	Speed	Packages	New Design	Comments
Standard							
AT29C256	256K	32K x 8	5V	70/90/120	J(32), P(28), T(28)		
AT29C257	256K	32K x 8	5V	70/90/120	J(32)		
AT29C512	512K	64K x 8	5V	70/90	J(32), P(32), T(32)	Y	
AT29C1024	1M	64K x 16	5V	70/90/120/150	J(44), T(48)		
AT29C010A	1M	128K x 8	5V	70/90/120	J(32), P(32), T(32)	Y	
AT29C020	2M	256K x 8	5V	70/90/120	J(32), P(32), T(32)	Y	
AT29C040A	4M	512K x 8	5V	90/120/150	J(32), P(32), T(32)	Y	
AT49F512	512K	64K x 8	5V	50/70/90	J(32), P(32), T(32), V(32)	Y	
AT49F001A(N)(T)	1M	128K x 8	5V	45/55	J(32), T(32), V(32)	Y	
AT49F001(N)T	1M	Convert to AT49F001A(N)(T)					
AT49F1024	1M	64K x 16	5V	35/45/50/55/70/90	V(40)	Y	
AT49F1025	1M	64K x 16	5V	35/45/50/55/70/90	J(44)	Y	
AT49F002A(N)(T)	2M	256K x 8	5V	55	J(32), P(32), T(32), V(32)	Y	
AT49F002(N)(T)	2M	Convert to AT49F002A(N)(T)					
AT49F2048A	2M	256K x 8, 128K x 16	5V	70/90	T(48)	N	
AT49F040A	4M	512K x 8	5V	55/70	J(32), P(32), T(32)	Y	
AT49F040	4M	Convert to AT49F040A					
AT49F4096A	4M	512K x 8, 256K x 16	5V	70/90	C(48), T(48)	Y	
AT49F008A(T)	8M	1M x 8	5V	70/90	C(48), T(40)	Y	
AT49F8192A(T)	8M	1M x 8 , 512K x 16	5V	70/90	C(48), T(48)	Y	
Battery-Voltage™ (BV)							
AT29BV010A	1M	128K x 8	2.7 - 3.6V	120/150	J(32), T(32)	Y	
AT29BV020	2M	256K x 8	2.7 - 3.6V	120/150	J(32), T(32)	Y	
AT29BV040A	4M	512K x 8	2.7 - 3.6V	200/250	J(32), T(32)	Y	
AT49BV512	512K	64K x 8	2.7 - 3.6V	70/90/120/150	J(32), P(32), T(32), V(32)	Y	
AT49BV001A(N)(T)	1M	128K x 8	2.7 - 3.6V	55	J(32), T(32), V(32)	Y	
AT49BV001(N)T	1M	Convert to AT49BV001A(N)(T)					
AT49BV002A(N)(T)	2M	256K x 8	2.7 - 3.6V	70	J(32), P(32), T(32), V(32)	Y	
AT49BV002(N)(T)	2M	Convert to AT49BV002A(N)(T)					
AT49BV2048B	2M	256K x 8, 128K x 16	2.7 - 3.6V	55/70	T (48)	Y	
AT49BV2048A	2M	256K x 8, 128K x 16	2.7 - 3.6V	70/90/120	T (48)	N	
AT49BV040A	4M	512K x 8	2.7 - 3.6V	70	J(32), T(32), V(32)	Y	
AT49BV040	4M	Convert to AT49BV040A					
AT49BV4096A	4M	512K x 8, 256K x 16	2.7 - 3.6V	90	C(48),T(48)	Y	
AT49BV008A(T)	8M	1M x 8	2.7 - 3.6V	90	C(48), T(40)	Y	
AT49BV8192A(T)	8M	1M x 8, 512K x 16	2.7 - 3.6V	90	C(48),T(48)	Y	
AT49BV160C(T)	16M	1M x 16	2.7 - 3.3V	70	C(45), T(48)	Y	Single Plane Flash - Intel Pinout and Algorithm
AT49BV162A(T)	16M	2M x 8, 1M x 16	2.7 - 3.3V	70	C(45), T(48)	Y	Single Plane Flash - AMD Pinout and Algorithm
AT49BV320C(T)	32M	2M x 16	2.7 - 3.6V	70	C(47),T(48)	Y	Single Plane Flash - Intel Pinout and Algorithm
AT49BV322A(T)	32M	4M x 8, 2M x 16	2.7 - 3.6V	70	C(48),T(48)	Y	Single Plane Flash - AMD Pinout and Algorithm
AT49BV640(T)	64M	4M x 16	2.7 - 3.6V	70/90	C(48), T(48)	Y	Single Plane Flash - with a 4 word page mode
AT49BV6416(T)	64M	4M x 16	2.7 - 3.6V	70/90	C(48), T(48)	Y	Concurrent RWW (Four 16Mb banks) with a 4 word page mode
Low-Voltage (LV)							
AT29LV256	256K	32K x 8	3.0 - 3.6V	150/200	J(32), T(28)	Y	
AT29LV512	512K	64K x 8	3.0 - 3.6V	120/150	J(32), T(32)	Y	
AT29LV010A	1M	128K x 8	3.0 - 3.6V	120/150	J(32), T(32)	Y	
AT29LV1024	1M	64K x 16	3.0 - 3.6V	150/200	J(44), T(48)	Y	
AT29LV020	2M	256K x 8	3.0 - 3.6V	100/120	J(32), T(32)	Y	
AT29LV040A	4M	512K x 8	3.0 - 3.6V	150/200	J(32), T(32)	Y	
AT49LV001(N)T	1M	Convert to AT49BV001A(N)(T)					
AT49LV1024	1M	64K x 16	3.0 - 3.6V	55/70/90	V(40)	Y	
AT49LV1025	1M	64K x 16	3.0 - 3.6V	55/70/90	J(44)	Y	
AT49LV002(N)(T)	2M	Convert to AT49BV002A(N)(T)					
AT49LV2048B	2M	256K x 8, 128K x 16	3.0 - 3.6V	45	T(48)	Y	
AT49LV2048A	2M	256K x 8, 128K x 16	3.0 - 3.6V	70/90/120/150	T(48)	Y	
AT49LV040	4M	Convert to AT49BV040A					
AT49LV4096A(T)	4M	512K x 8, 256K x 16	3.0 - 3.6V	70	T(48)	Y	
AT49LV008A(T)	8M	1M x 8	3.0 - 3.6V	70	C(48),T(40)	Y	
AT49LV8192A(T)	8M	1M x 8 , 512K x 16	3.0 - 3.6V	70	C(48),T(48)	Y	
AT49LV161(T)	16M	Convert to AT49BV162A(T)					
AT49LV1614A(T)	16M	Convert to AT49BV162A(T)					

Refer to data sheets for temperature options