



Ver. 4 (Aug 29 , 2008)

3.3V Fast Asynchronous SRAMs

Alliance Part Number	Density/ Organization	Vcc(V)	Speed (ns)	Operating Temperature	Operating Current (mA)	Standby Current (mA)	Package	Comments
AS7C3256A	256K (32K x 8)	3.3V	10/12/15/20	Industrial (-40C to 85C) Commercial temp (0C to 70C)	35	2	SOJ (28), TSOP I (28)	
AS7C3513B	512K (32K x 16)	3.3V	10/12/15/20	Commercial temp only	65	5	SOJ (44), TSOP II (44)	
AS7C31024B	1M (128K x 8)	3.3V	12/15/20	Commercial temp only	55	5	SOJ (32.3 & 32.4), TSOP I (32)	Corner Power & Ground
AS7C31025B	1M (128K x 8)	3.3V	10/12/15/20	Commercial temp only	55	5	SOJ (32.3 & 32.4)	Center Power & Ground
AS7C31025C	1M (128K x 8)	3.3V	10	Industrial temp only	70	5	SOJ (32.3 & 32.4), TSOP II (32)	Center Power & Ground
AS7C31026B	1M (64K x 16)	3.3V	10/12/15/20	Commercial temp only	65	5	SOJ (44), TSOP II (44)	
AS7C31026C	1M (64K x 16)	3.3V	12	Industrial temp only	80	5	SOJ (44), TSOP II (44), TFBGA (48)	
AS7C32096A	2M (256K x8)	3.3V	10/12/15	Industrial & Commercial temp	180, 110 (Industrial), 170, 100 (Commercial)	8	TSOP II (44)	
AS7C32098A	2M (128K x16)	3.3V	10/12/15	Industrial & Commercial temp	180, 110 (Industrial), 170, 100 (Commercial)	8	TSOP II (44)	
AS7C34096A	4M (512K x 8)	3.3V	10/12/15/20	Industrial & Commercial temp	180, 110 (Industrial), 170, 100 (Commercial)	8	SOJ (36), TSOP II (44)	
AS7C34098A	4M (256K x16)	3.3V	10/12/15/20	Industrial & Commercial temp	180, 110 (Industrial), 170, 100 (Commercial)	8	SOJ (44), TSOP II (44)	

5V Fast Asynchronous SRAMs

Alliance Part Number	Density/ Organization	Vcc(V)	Speed (ns)	Operating Temperature	Operating Current (mA)	Standby Current (mA)	Package	Comments
AS7C164	64K (8K x 8)	5V	10/12/15/20	Commercial temp only	90	2	SOJ (28)	
AS7C256A	256K (32K x 8)	5V	10/12/15/20	Industrial & Commercial temp	60	2	SOJ (28), TSOP I (28)	
AS7C256B	256K (32K x 8)	5V	12	Industrial temp only	70	2	SOJ (28), TSOP I (28), PDIP (28) - NEW	
AS7C513B	512K (32K x 16)	5V	10/12/15/20	Commercial temp only	80	10	SOJ (44), TSOP (44)	
AS7C1024B	1M (128K x 8)	5V	10/12/15/20	Commercial temp only	80	10	SOJ (32.3 & 32.4), TSOP I (32)	Center Power & Ground
AS7C1024C	1M (128K x 8)	5V	12	Industrial temp only	100	10	SOJ (32.3 & 32.4)	Center Power & Ground
AS7C1025B	1M (128K x 8)	5V	10/12/15/20	Commercial temp only	80	10	SOJ (32.3 & 32.4)	Center Power & Ground
AS7C1025C	1M (128K x 8)	5V	15	Industrial temp only	100	10	SOJ (32.3 & 32.4)	Center Power & Ground
AS7C1026B	1M (64K x16)	5V	10/12/15/20	Commercial temp only	80	10	SOJ (44), TSOP II (44)	
AS7C1026C	1M (64K x16)	5V	15	Industrial temp only	100	10	SOJ (44), TSOP II (44)	
AS7C4096A	4M (512K x 8)	5V	10/15/20	Industrial & Commercial temp	100	10	SOJ (36) TSOP II (44)	
AS7C4098A	4M (256K x 16)	5V	10/15/20	Industrial & Commercial temp	100	10	SOJ (44), TSOP II (44)	

2.7V ~ 5V Low Power SRAMs

Alliance Part Number	Density/ Organization	Vcc(V)	Speed (ns)	Operating Temperature	Operating Current (mA)	Standby Current (uA)	Package	Comments
AS6C6264	64K (8Kx8)	2.7 ~ 5V	55	Commercial temp (0C ~ 70C)	15	1uA	PDIP (28- 600mil), SOP (28- 330mil), sTSOP (28-8x13.4mm)	
AS6C6264	64K (8Kx8)	2.7 ~ 5V	55	Industrial temp (-40C~85C)	15	1uA	SOP (28- 330mil), sTSOP(28- 8x13.4mm)	
AS6C62256	256K (32K x 8)	2.7 ~ 5V	55	Commercial temp (0C ~ 70C)	15	1uA	PDIP (28- 600mil), SOP (28- 330mil), sTSOP (28-8x13.4mm)	
AS6C62256	256K (32K x 8)	2.7 ~ 5V	55	Industrial temp (-40C~85C)	15	1uA	SOP (28- 330mil), sTSOP(28- 8x13.4mm)	
AS6C1008	1M (128K x 8)	2.7 ~ 5V	55	Commercial temp (0C ~ 70C)	10	1uA	PDIP (32- 600mil)	
AS6C1008	1M (128K x 8)	2.7 ~ 5V	55	Industrial temp (-40C~85C)	10	1uA	SOP (32- 450mil), TSOP I (32- 8x20mm), sTSOP (32- 8x13.4mm), TFBGA (36)	
AS6C1016	1M (64K x 16)	2.7 ~ 5V	55	Industrial temp (-40C~85C)	18	2uA	TSOP II (44 - 400mil), TFBGA (36)	
AS6C2008	2M (256K x 8)	2.7 ~ 3.6V	55	Industrial temp (-40C~85C)	20	1uA	SOP (32- 450mil), TSOP I (32- 8x20), sTSOP (32- 8x13.4mm), TFBGA (36)	
AS6C2016	2M (128K x 16)	2.7 ~ 3.6V	55	Industrial temp (-40C~85C)	20	2uA	TSOP II (44 - 400mil), TFBGA (36)	
AS6C4008	4M (512K x 8)	2.7 ~ 5V	55	Commercial temp (0C ~ 70C)	20	4uA	PDIP (32- 600mil)	
AS6C4008	4M (512K x 8)	2.7 ~ 5V	55	Industrial temp (-40C~85C)	20	4uA	SOP (32- 450mil), TSOP I (32- 8x20), sTSOP (32- 8x13.4mm), TSOP II (32- 400mil)- Coming soon, TFBGA (36)	
AS6C4016	4M (256K x16)	2.7 ~ 5V	55	Industrial temp (-40C~85C)	20	4uA	TSOP II (44 - 400mil), TFBGA (48- 6x8mm)(36)	
AS6C8008	8M (1024K x 8)	2.7 ~ 5V	55	Industrial temp (-40C~85C)	20	6uA	TSOP II (44 - 400mil), TFBGA (48 - 6x8mm)	
AS6C8016	8M (512K x 16)	2.7 ~ 5V	55	Industrial temp (-40C~85C)	20	6uA	TSOP II (44 - 400mil), TFBGA (48 - 6x8mm)	

2.7V ~ 5V Low Power SRAMs of ZMD

ZMD Part Number	Density/ Organization	Vcc(V)	Speed (ns)	Operating Temperature	Operating Current (mA)	Standby Current (uA)	Package	Comments
U6264BD	64K (8K x 8)	2.7 ~ 5V	55/ 70	Commercial, Industrial, Automotive	10	2 uA (Commercial) 5 uA (Industrial) 100 uA (Automotive)	PDIP (28 - 600mil)	Automotive: -40 C ~ 125C
U6264BS	64K (8K x 8)	2.7 ~ 5V	55/ 70	Commercial, Industrial, Automotive	10	2 uA (Commercial) 5 uA (Industrial) 100 uA (Automotive)	SOP (28 - 330mil)	Automotive: -40 C ~ 125C
U62H64S	64K (8K x 8)	5V	35	Commercial, Industrial, Automotive	50	5 uA (Industrial) 100 uA (Automotive)	SOP (28 - 300mil)	Automotive: -40 C ~ 125C
U62256BD	256K (32K x 8)	2.7 ~ 5V	55/ 70	Commercial, Industrial, Automotive	70	5 uA (Commercial) 10 uA (Industrial) 50 uA (Automotive)	PDIP (28 - 600mil)	Automotive: -40 C ~ 125C
U62256BS	256K (32K x 8)	2.7 ~ 5V	55/ 70	Commercial, Industrial, Automotive	70	5 uA (Commercial) 10 uA (Industrial) 50 uA (Automotive)	SOP (28 - 330mil)	Automotive: -40 C ~ 125C
U62256ADC077LL	256K (32K x 8)	5V	35/ 55	Commercial, Industrial, Automotive	70	10 uA (Industrial) 50 uA (Automotive)	SOP (28 - 330mil)	Automotive: -40 C ~ 125C
UL62H256A	256K (32K x 8)	3.3V	35/ 55	Commercial, Industrial, Automotive	70	10 uA (Industrial) 40 uA (Automotive)	SOP (28 - 300mil)	Automotive: -40 C ~ 125C