

STANDARD MEMORY PRODUCT SELECTOR GUIDE

CERAMIC CONFIGURATIONS



COMMITTED TO PROVIDING HIGH-QUALITY, INNOVATIVE
SOLUTIONS TO THE HIGH-RELIABILITY MARKETPLACE



STANDARD MEMORY PRODUCTS CERAMIC CONFIGURATIONS



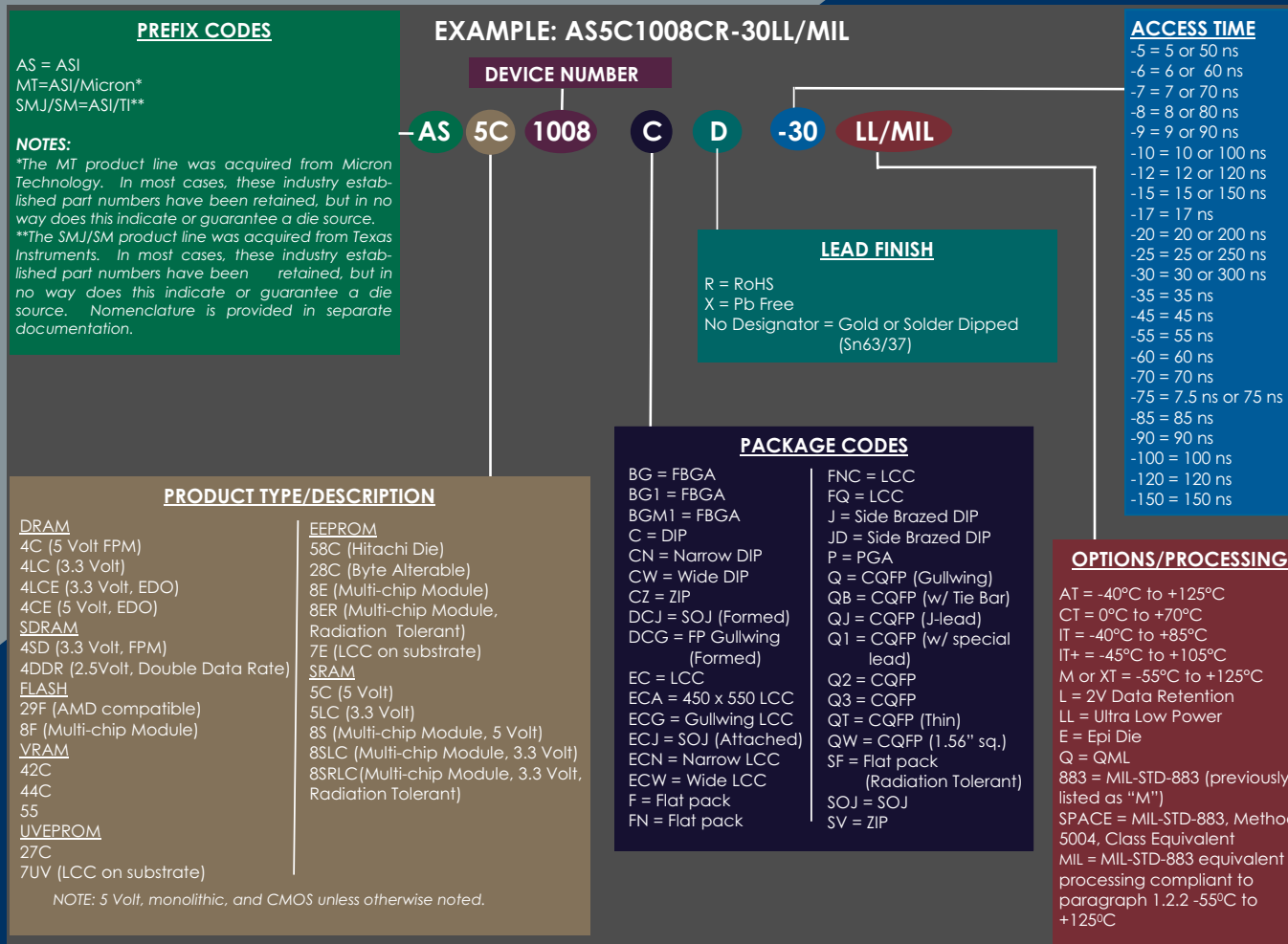
SRAM		FPM / EDO / DRAM		EEPROM	
16MEG MCM Configurable as 512K x 32, 1M x 16 & 2M x 8, 5V & 3.3V	4MEG MCM (128k x 32, 5V, 3.3V)	256 K (64Kx4) (256Kx1)	1 MEG (256Kx4) (1Mx1)	1 MEG (128K x 8) 38535 & RAD TOL VERSION	4 MEG MCM (512K x 8) 38535 & RAD TOL VERSION
4 MEG 512K x 8, 5V, 3.3V, Revol / Evol Pinouts Fast & L-Power	1 MEG (128K x 8 5V & 3.3V)	4 MEG (1Mx4) (4Mx1)		4 MEG MCM (128K x 32)	
256K (32K x 8)					
FLASH		uvEPROM	SDRAM	VRAM	
16M MCM 512Kx32 or 1Mx16, 5V	64M MCM 2Mx32 or 4Mx16, 5V/3V	256K (32K x 8) 1 MEG (128K x 8)	16 MEG (1M x 16, Sync, 3.3V)	1 MEG (256K x 4)	
32M MCM 1Mx32 or 2Mx16, 5V/3V	1M / 4M 128Kx8, 512Kx8, 5V				



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MEMORY TYPE	DENSITY (KBITS)	CONFIG.	FEATURES	PART #	SMD # 5962-	SPEED (NS)	PACKAGE TYPES/PIN COUNT							
							PGA	CQFP	FP	LCC	DIP	CSOJ	ZIP	FP GULL WING
DRAM	256	256K x 1	FPM	AS4C1259		100-150			16/F	18/EC	16/C			
DRAM	256	64K x 4	OE/FPM	AS4C4067	92132	100-150				18/EC	18/C			
DRAM	1,024	1M x 1	FPM	AS4C1024		80-120				20/EC	18/C			
DRAM	1,024	256K x 4	FPM	AS4C4256	90617	80-120			20/F	20/EC	20/C			
DRAM	4,096	1M x 4	FPM	MT4C4001J	90847	70-120				20/ECN	20/C & CN	20/ECJ	20/CZ	
DRAM	4,096	4M x 1	FPM	MT4C1004J	90622	70-120				20/ECN	18/C & CN	20/ECJ	20/CZ	
EEPROM	1,024	128K x 8	128 Byte Page Mode, Rad-Tol, 5V	AS58C1001	38267	150-300			32/F & SF	32/ECA		32/DCJ		
EEPROM	4,096	128K x 32		AS8E128K32	94585	120-300	66/P & PN	68/Q						
EEPROM	4,096	128K x 32	Radiation Tolerant, Can config 256Kx16 or 512Kx8	AS8E128K32		150		68/Q						
EEPROM	4,096	128K x 32		AS8ERLC128K32	94585	150		68/Q						
EEPROM	4,096	512K x 8	Data Polling, Ready/Busy (With Decoder)	AS8E512K8	93091	150-300					32/CW			
FLASH	1,024	128K x 8	5V, CE/OE, Even Sector	AS29F010	96690	60-150			32/F	32/ECA	32/CW	32/SOJ		32/DCG
FLASH	1,024	128K x 8	5V, Even Sector	SMJ28F010B	90899	120-200				32/FE	32/JDD			
FLASH	4,096	512K x 8	5V, CE/OE, Erase Suspend/Resume	AS29F040	96692	55-150			32/F	32/ECA	32/CW	32/SOJ		32/DCG
FLASH	4,096	128K x 32	5V, Even Sector	AS8F128K32Q	94716	60-150		68/Q 68/Q1	68/F					
FLASH	16,384	512K x 32	5V MCM, Even Sector	AS8F512K32	94612	90-150	66/P	68/Q 68/Q1						
FLASH	32,768	1M x 32	3.3V, Boot Sector, Bottom = B	AS8FLC1M32B			66/P	68/QT						
FLASH	65,528	2M x 32	5V, Uniform Sector	AS8F2M32		90-150		68/QT						
FLASH	65,528	2M x 32	3.3V, Boot Sector, Bottom=B, Top=C (Consult Factory)	AS8FLC2M32B			66/P	68/QT						
VRAM	1,024	256K x 4		MT42C4256						28/EC		28/DCJ		
VRAM	1,024	256K x 4	FPM, Dual Port, Block Write	SMJ44C251B	89497	100-120				28/HMM	28/JDM	28/HJM	28/SVM	
UVEPROM	256	32K x 8	5V, UV Erasable ROM	AS27C256		55-250				32/ECA	32/J			
UVEPROM	1,024	128K x 8	5V, UV Erasable ROM	AS27C010A		120-200				32/ECA				
SRAM	256	32K x 8	Fast ASYNC Access, Low Power	MT5C2568	88662, 88552	12-70			28/F	28/EC, 32/ECW	28/C & CW	28/DCJ		
SRAM	1,024	128K x 8	CE1\, CE2\, OE\, Fast ASYNC Access, Low Power	MT5C1008	89598	12-70			32/F	32/EC & ECA	32/C & CW	32/DCJ & SOJ		
SRAM	1,024	128K x 8	Fast ASYNC Access, Low Power	MT5C1009	89598	15-70			32/F	32/EC & ECA	32/C & CW	32/DCJ & SOJ		
SRAM	4,096	128K x 32	Can configure 256Kx16 or 512Kx8	AS8S128K32	93187, 95595	15-45	66/P & PN	68/Q 68/Q1						
SRAM	4,096	512K x 8	5V, Revolutionary Pin-out	AS5C512K8	95600	15-55			36/F	36/EC		36/ECJ		
SRAM	4,096	512K x 8	3.3V, Low Power, High Speed	AS5LC512K8		12-20			36/F	36/EC				
SRAM	4,096	512K x 8	5V/CE/OE, Evolutionary Pin-out	AS5C4008	95600	15-45			32/F	32/EC & ECA	32/CW	32/ECJ		
SRAM	4,096	512K x 8	5V/CE/OE, Slow, Ultra Low Power	AS5C4009		55-100					32/CW	32/ECJ		
SRAM	16,384	512K x 32	5V, Config. 1Mx16 or 2M x 8, Ultra Low Power	AS8S512K32	94611	17-55	66/P	68/Q 68/Q1						
SRAM	16,384	512K x 32	3.3V/CE/OE, Ultra low Power	AS8SLC512K32		12-20	66/P	68/Q 68/Q1						

STANDARD MEMORY PRODUCT NOMENCLATURE CERAMIC CONFIGURATIONS



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- CERTIFICATIONS**
- ❖ DSCC QML
 - ✓ MIL-PRF-38534, CLASS H
 - ✓ MIL-PRF-38535, CLASS Q, V
 - ✓ LABORATORY SUITABILITY (MIL-STD-883)
 - ✓ DSCC APPROVED, V-LEVEL
 - ✓ CLASS S MANUFACTURING FLOW
 - ❖ NSTS 5300.4