

Part Number decoder for Fast Asynchronous SRAMs																				
512K																				
Character	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Example part no.	C	Y	7	C	1	0	2	0	D	V	3	3	-	1	0	Z	S	X	I	T
Character	Value	Description																		
0-5	CY7C10	CYPRESS Fast Asynchronous SRAMs																		
6	2	512Kb																		
7	0	x 16																		
8	B	250nm																		
	C	130 nm																		
	D	90 nm																		
9	V	Voltage level as indicated by the next two digits																		
	N	Nitride Seal Mask(NSM)																		
	none	4.5 to 5.5 V																		
10,11	26	2.5 to 2.7 V																		
	33	3.0 to 3.6 V																		
12	-	Seperator																		
13,14		Speed grade[in ns]																		
15,16		Package type																		
17	-	Leaded																		
	X	Lead free																		
18	C	Commercial																		
	I	Industrial																		
	A	Automotive																		
	E	Automotive Extended																		
19	T	Tape and Reel																		

Note:

Character 6 denotes Density

Character 7 denotes Bus Width

Character 8 denotes Technology

Character 18 denotes Temperature Range

NSM applies only to 'B' series

256K Fast Asynchronous SRAMs

Density	Organization	Vcc (V)	Speed	Part Number
256 Kb	32Kb x 8	3.0 to 3.6 V	12 ns	CY7C1399BN-12VXC
256 Kb	32Kb x 8	3.0 to 3.6 V	12 ns	CY7C1399BN-12VXCT
256 Kb	32Kb x 8	3.0 to 3.6 V	12 ns	CY7C1399BN-12VXI
256 Kb	32Kb x 8	3.0 to 3.6 V	12 ns	CY7C1399BN-12VXIT
256 Kb	32Kb x 8	3.0 to 3.6 V	12 ns	CY7C1399BN-12ZXC
256 Kb	32Kb x 8	3.0 to 3.6 V	12 ns	CY7C1399BN-12ZXCT
256 Kb	32Kb x 8	3.0 to 3.6 V	15 ns	CY7C1399BN-15ZXI
256 Kb	32Kb x 8	3.0 to 3.6 V	15 ns	CY7C1399BN-15ZXIT
256 Kb	32Kb x 8	3.0 to 3.6 V	12 ns	CY7C1399BNL-12ZXC
256 Kb	32Kb x 8	3.0 to 3.6 V	12 ns	CY7C1399BNL-12ZXCT
256 Kb	32Kb x 8	3.0 to 3.6 V	15 ns	CY7C1399BNL-15VXC
256 Kb	32Kb x 8	3.0 to 3.6 V	15 ns	CY7C1399BNL-15VXCT
256 Kb	32Kb x 9	4.5 to 5.5 V	20 ns	CY7C188-20VC
256 Kb	32Kb x 9	4.5 to 5.5 V	20 ns	CY7C188-20VCT
256 Kb	64Kb x 4	4.5 to 5.5 V	15 ns	CY7C192-15VXC
256 Kb	64Kb x 4	4.5 to 5.5 V	15 ns	CY7C192-15VXCT
256 Kb	64Kb x 4	4.5 to 5.5 V	15 ns	CY7C194BN-15PC
256 Kb	64Kb x 4	4.5 to 5.5 V	15 ns	CY7C194BN-15VC
256 Kb	64Kb x 4	4.5 to 5.5 V	15 ns	CY7C194BN-15VCT
256 Kb	256Kb x 1	4.5 to 5.5 V	15 ns	CY7C197BN-15VC
256 Kb	256Kb x 1	4.5 to 5.5 V	15 ns	CY7C197BN-15VCT
256 Kb	256Kb x 1	4.5 to 5.5 V	25 ns	CY7C197BN-25PC
256 Kb	256Kb x 1	4.5 to 5.5 V	25 ns	CY7C197N-25PXC
256 Kb	32Kb x 8	4.5 to 5.5 V	15 ns	CY7C199CN-15PXC
256 Kb	32Kb x 8	4.5 to 5.5 V	15 ns	CY7C199CN-15VXC
256 Kb	32Kb x 8	4.5 to 5.5 V	15 ns	CY7C199CN-15VXCT
256 Kb	32Kb x 8	4.5 to 5.5 V	20 ns	CY7C199CN-20ZXI
256 Kb	32Kb x 8	4.5 to 5.5 V	20 ns	CY7C199CN-20ZXIT
256 Kb	32Kb x 8	4.5 to 5.5 V	15 ns	CY7C199CNL-15VXI
256 Kb	32Kb x 8	4.5 to 5.5 V	15 ns	CY7C199CNL-15VXIT
256 Kb	32Kb x 8	4.5 to 5.5 V	10 ns	CY7C199D-10VXI
256 Kb	32Kb x 8	4.5 to 5.5 V	10 ns	CY7C199D-10VXIT
256 Kb	32Kb x 8	4.5 to 5.5 V	10 ns	CY7C199D-10ZXI
256 Kb	32Kb x 8	4.5 to 5.5 V	10 ns	CY7C199D-10ZXIT
256 Kb	32Kb x 8	4.5 to 5.5 V	15 ns	CY7C199NL-15ZXC
256 Kb	32Kb x 8	4.5 to 5.5 V	15 ns	CY7C199NL-15ZXCT

Part Number decoder for Fast Asynchronous SRAMs													
64K													
Character	0	1	2	3	4	5	6	7	8	9	10	11	12
Example part no.	C	Y	7	C	1	8	5	-	2	0	P	X	C
Character	Value		Description										
0-5	CY7C1		CYPRESS Fast Asynchronous SRAMs										
5	6		64K										
	8												
6	5		x 8										
	6		x 4										
	7		x 1										
7	-		Seperator										
8,9			Speed grade[in ns]										
10			Package type										
11	-		Leaded										
	X		Lead free										
12	C		Commercial										
	I		Industrial										
	A		Automotive										
	E		Automotive Extended										

Note:

Character 5 denotes Density

Character 6 denotes Bus Width

Character 12 denotes Temperature Range

All are 4.5V to 5.5V parts

Part Number decoder for Fast Asynchronous SRAMs															
16K															
Character	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Example part no.	C	Y	7	C	1	2	8	A	-	2	0	V	X	C	T
Character	Value		Description												
0-5	CY7C1		CYPRESS Fast Asynchronous SRAMs												
5	2		16K												
	6														
6	8		x 8												
			x 4(Only for CY7C168A)												
7	A		Earlier than 250nm												
8	-		Seperator												
9,10			Speed grade[in ns]												
11			Package type												
12	-		Leaded												
	X		Lead free												
13	C		Commercial												
	I		Industrial												
	A		Automotive												
	E		Automotive Extended												
14	T		Tape and Reel												

Note:

Character 5 denotes Density

Character 6 denotes Bus Width

Character 13 denotes Temperature Range

All are 4.5V to 5.5V parts

Part Number decoder for Fast Asynchronous SRAMs												
4K												
Character	0	1	2	3	4	5	6	7	8	9	10	11
Example part no.	C	Y	7	C	1	4	8	-	3	5	P	C
Character	Value	Description										
0-4	CY7C1	CYPRESS Fast Asynchronous SRAMs										
5	4	4K										
6	8	x 8(Only for CY7C148)										
	9	x 8(Only for CY7C149)										
7	-	Seperator										
8,9		Speed grade[in ns]										
10		Package type										
11	C	Commercial										
	I	Industrial										
	A	Automotive										
	E	Automotive Extended										

Note:

Character 5 denotes Density

Character 6 denotes Bus Width

Character 11 denotes Temperature Range

All are 4.5V to 5.5V parts