

Part Number Decoder for Fast Asynchronous SRAMs																				
1 Mb																				
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	1	D	V	3	3	-	1	0	B	V	X	I	T
Character	Value	Description																		
0-5	CY7C10	CYPRESS Fast Asynchronous SRAMs																		
6	0	1 Mbit (CY7C1006D, CY7C1007D & CY7C1009D)																		
	1	1 Mbit (CY7C1018DV33, CY7C1019CV33, CY7C1019D & CY7C1019DV33)																		
	2	1 Mbit (CY7C1021CV26, CY7C1021CV33, CY7C1021D & CY7C1021DV33)																		
7	1	x 16																		
	6	x 4																		
	8	x8 (Only for CY7C1018DV33)																		
	9	x8																		
8	C	130 nm																		
	D	90 nm																		
9	V	Voltage level as indicated by the next two digits																		
	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

**Part Number Decoder for Fast Asynchronous SRAMs
Greater than or equal to 2 Mb**

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	6	1	A	V	3	3	-	1	0	B	A	X	I	T

Character	Value	Description
0-5	CY7C10	CYPRESS Fast Asynchronous SRAMs
6	1	2 Mbit and 12 Mbit(Only for CY7C1012AV33 & CY7C1012DV33)
	2	3 Mbit
	3	6 Mbit
	4	4 Mbit
	5	8 Mbit
	6	16 Mbit
	7	32 Mbit
	8	64 Mbit
7	0	x 8 (Only for CY7C1010DV33)
	1	x 16
	2	x 32 (x 24 is only for CY7C1012AV33 & CY7C1012DV33)
	4	x 24
	6	x 4
	7	x 1
	8	x8 (Only for CY7C1018DV33)
	9	x8
8	B	250 nm
	C	150 nm
	D	90 nm
	A	130 nm
9	V	Voltage level as indicated by the next two digits
	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

**Part Number Decoder for Fast Asynchronous SRAMs
Greater than or equal to 1 Mb(NSM parts)**

Character	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Example part no.	C	Y	7	C	1	0	4	1	B	N	V	3	3	L	-	1	2	Z	X	I	T

Character	Value	Description
0-5	CY7C10	CYPRESS Fast Asynchronous SRAMs
6	0	1 Mbit(Only for CY7C1009BN)
	2	1 Mbit
	4	4 Mbit
7	1	x 16
	9	x 8
8	B	250 nm
9	N	Nitride Seal Mask
10	V	Voltage level as indicated by the next two digits
	none	4.5 to 5.5 V
11,12	33	3.0 to 3.6 V
13	L	Low Power
14	-	Seperator
15,16		Speed grade[in ns]
17		Package type
18	-	Leaded
	X	Lead free
19	C	Commercial
	I	Industrial
	A	Automotive
	E	Automotive Extended
20	T	Tape and Reel

Note:

- Character 6 denotes Density
- Character 7 denotes Bus Width
- Character 8 denotes Technology
- Character 19 denotes Temperature Range

Other 1 Mb parts				
Density	Organization	Vcc (V)	Speed	Part Number
1 Mb	256Kb x 4	4.5 to 5.5 V	15 ns	CY7C106BN-15VC
1 Mb	256Kb x 4	4.5 to 5.5 V	15 ns	CY7C106BN-15VCT
1 Mb	256Kb x 4	4.5 to 5.5 V	10 ns	CY7C106D-10VXI
1 Mb	256Kb x 4	4.5 to 5.5 V	10 ns	CY7C106D-10VXIT
1 Mb	1Mb x 1	4.5 to 5.5 V	10 ns	CY7C107D-10VXI
1 Mb	1Mb x 1	4.5 to 5.5 V	10 ns	CY7C107D-10VXIT
1 Mb	128Kb x 8	4.5 to 5.5 V	20 ns	CY7C109BN-20VI
1 Mb	128Kb x 8	4.5 to 5.5 V	20 ns	CY7C109BN-20VIT
1 Mb	128Kb x 8	4.5 to 5.5 V	15 ns	CY7C109BNL-15VC
1 Mb	128Kb x 8	4.5 to 5.5 V	15 ns	CY7C109BNL-15VCT
1 Mb	128Kb x 8	4.5 to 5.5 V	10 ns	CY7C109D-10VXI
1 Mb	128Kb x 8	4.5 to 5.5 V	10 ns	CY7C109D-10VXIT
1 Mb	128Kb x 8	4.5 to 5.5 V	10 ns	CY7C109D-10ZXI
1 Mb	128Kb x 8	4.5 to 5.5 V	10 ns	CY7C109D-10ZXIT

These parts are not covered in the above list. "Please contact Technical support if you don't find our part number matching with any of these tables".