

Part Number decoder for Micro power parts [1 Mb and greater]:

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	6	2	1	2	6	E	V	3	0	L	L	-	4	5	B	V	X	I	T

Character	Value	Description
0-1	CY	CYPRESS
2-4	621	micro Power parts [1 Mb and greater]
5	2	1 MBit
	3	2 MBit
	4	4 MBit
	5	8 MBit
	6	16 MBit
	7	32 MBit
	8	64 MBit
6	6	x 16(no BPD) [BPD : Byte Power Down] See note 3 below.
	7	x 16(BPD)
	8	X 8
7	B	250 nm
	C	150 nm.
	D	130 nm.
	E	90 nm
	F	90 nm
	None	350 nm.
8	V	Voltage level as indicated by the following digits.
	S	2.2 to 5.5 V

	Neither V nor S	4.5 to 5.5 V
9-10	18	1.65 to 2.25 V
	30	2.2 to 3.6 V
	Neither 18 nor 30.	2.7 to 3.6 V.
11-12	L	low power
	LL	Extra Low power.
13	-	Separator
14-15		Speed grade[in ns]
16-17		Package type [See note 6 below]
18	-	Leaded
	X	Lead Free.
19	C	Commercial
	I	Industrial
	A	Automotive
	E	Automotive Extended
20	T	Tape and Reel.

Note:

1. Character 5 indicates Density.
2. Character 6 indicates bus width.
3. BPD :If BHE and BLE are disabled , the chip will be put into standby mode irrespective of the state of CE.
4. Character 7 indicates Technology.
5. Presence of 'N' in the 9th character as in 'CY62128BNLL' indicates NSM [Nitride Sealed Mask] part.
6. Characters 16-17 denotes Package type. For more detailed information about the Package type, please refer the 'Ordering Information' section of the individual datasheet.
7. Character 19 indicates Temperature range.