





Products

- Mono Type Part Numbering System
- COG Part Numbering System
- EMS Part Numbering System
- Color Type Part Numbering System
- Mono COG Part Numbering System
- Self-made product Part Numbering System

**Mono Type Part Numbering System**

**P C 16 02 \* \* \* - \* \*\* - \* - \***  
**1 2 3 4 5 6 7 8 9 10 11**

No	Code value	Description	Remark
1	P	Powertip products	Brand
2	C	Character type	Module type
	G	Graphic type	
3	08,16,20,24...	Character per line (for character modules)	Characters per line or row dots
	120,122,128...	Row dots (for graphic modules)	
4	01,02,03,04,...	Lines (for graphic modules)	Lines or column dots
	32,240...	Column dots (for graphic modules)	
5	A	Without backlight	
	B	EL backlight blue-green	
	D	EL backlight yellow-green	
	E	EL backlight white	
	F	CCFL backlight white	
	L	LED backlight yellow-green	
	M	LED backlight amber	
	N	LED backlight red	Backlight mode
	O	LED backlight orange	(Type+Color)
	P	LED backlight pure-green	
	S	LED backlight green	
	T	Double LED backlight	
	U	LED backlight blue	
	V	LED backlight blue white	
	W	LED backlight white	
	R	Triple LED backlight	
6	R	Standard (Through hole, cable, connector and etc.)	Connecting type
	Y	Straight pin-header	
	Z	Right angle pin-header	
7	None	TN positive gray	
	N	TN negative blue	
	P	PBT(Pure Black Tech.)	
	Q	E-TN(Enhanced TN)	
	H	HTN Positive Gray	
	J	HTN Negative (Black/Blue)	
	S	STN positive gray	I CD Mode

U	STN positive yellow-green	
M	STN negative blue	
G	ASTN(Automotive STN)	
W	E-STN(Enhanced STN)	
F	FSTN positive white	
T	FSTN negative black	
Y	E-FSTN(Enhanced FSTN)	
8	0~Z	Series number Model name
9	00~ZZ	IC manufacturer/character pattern /total solution series number Table A
	NN	Without controller
10	A~Z	Refer to display viewing features system Table B
11	No Code value	Standard product Version
	01~ZZ	Special code

**Table A**

S*	SUMSUNG LSI	T*	TOSHIBA LSI	Y*	SANYO LSI
M*	MOTOROLA LSI	E*	EPSON LSI	H*	HITACHI LSI
N*	NOVATEK	W*	SITRONIX LSI	A*	APANPEC LSI
R*	SHARP LSI	P*	PHILIPS LSI	J*	JRC LSI
U*	UMC GROUP LSI	Z*	HOTEK LSI	O*	OKI LSI
B*	RAIO	C*	ASLIC	F*	TOMATO LSI
G*	AVANT	L*	SUNPLUS LSI		

**Table B**

Operation Temperature		Normal Temp.(NT):0°C~50°C		Wide Temp.(WT):-20°C~70°C	
Viewing direction		6:00	12:00	6:00	12:00
Polarizer	Reflective	A	D	G	J
	Transflective	B	E	H	K
	Transmissive	C	F	I	L

TOP

Copyright @2000 - 2013 Powertip Technology Corporation. all right reserved.  
Strongly recommended use Internet Explorer for best browsing experience.