

Mono Type Part Numbering System

P C 16 02 * * * - * ** - * - *

1 2 3 4 5 6 7 8 9 10 11

No	Code value	Description	Note
1	P	Powertip products	
2	C	Character type	Module type
	G	Graphic type	
3	08.16.20.24...	Characters 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 character modules)	Lines or column dots
	32...240...	Column dots (for graphic modules)	
5	A	Without backlight	Backlight mode (Type+Color)
	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	
	O	LED Backlight Orange	
	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	
Y	LED Backlight Yellow		
Q	LED Backlight White and Red		
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	LCD Mode (Type + Color)
	N	TN Negative Blue	
	J	HTN Negative (Black/Blue)	
	P	PBT(Pure Black Tech.)	
	Q	E-TN(Enhanced TN)	

	H	HTN Positive Gray	
	S	STN Positive Gray	
	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	A~Z	Series number	
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 (Meet the ROHS specification, Code is Q)	
	01~99	Special Code	Version

Table A

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

Table B

Operation Temperature		Normal Temp.(NT):0°C~50°C				Wide Temp.(WT):-20°C~70°C			
Viewing direction		6:00	3:00	12:00	9:00	6:00	3:00	12:00	9:00
Polarizer	Reflective	A	M	D	P	G	S	J	V
	Transflective	B	N	E	Q	H	T	K	W
	Transmissive	C	O	F	R	I	U	L	X