

ER0150E7NM6 / 1.5" CSTN LCM

PIN ASSIGNMENT



GENERAL INFORMATION

LCD Type	1.5" Color STN Display
Resolution	128 (RGB) * 128 Dots
Display Color	65K color
Module dimensions	33.35(W) * 41.64(H) * 2.85(T) mm
Viewing Area	28.3(W) * 30.17(H)
Active Area	26.1 * 28.15 mm
Pixel Pitch	0.068(W) * 0.22(H)
Viewing Angle	Y: +32 -45, X: +65 -67 deg.
Luminance	120 cd/m Typ (MIN)
Contrast Ratio	65
Polarizer Type	Transmissive
Backlight	LED
Driver IC	ST7637 COG
Interface	8-bit CPU Interface

PIN NO	SYMBOL	I/O	FUNCTION
1	NC	--	NOT CONNECTED
2	LED_K	P	CATHODE OF BACKLIGHT
3	LED_A	P	ANODE OF BACKLIGHT
4	NC	--	NOT CONNECTED
5	VSS	P	GROUND
6	VDD	P	POWER SUPPLY FOR LOGIC VOLTAGE
7	VPP	I	MTP WRITING INPUT PIN (7.5V INPUT)
8	/EXT	I	WHEN USING NORMAL INSTRUCTION TABLE, LET IT OPEN. WHEN USING EXTENSION INSTRUCTION TABLE, SHORT TO GROUND
9	RESETB	I	RESET INPUT PIN
10	RS	I	REGISTER SELECT INPUT PIN
11	WRB	I	WRITE SIGNAL
12	RDB	O	READ SIGNAL
13	D0	I/O	DATA BUS
14	D1	I/O	DATA BUS
15	D2	I/O	DATA BUS
16	D3	I/O	DATA BUS
17	D4	I/O	DATA BUS
18	D5	I/O	DATA BUS
19	D6	I/O	DATA BUS
20	D7	I/O	DATA BUS
21 - 28	NC	--	NOT CONNECTED
29	CS	I	CHIP SELECT INPUT PIN
30	VSS	P	GROUND
31	VC1	I	" H "
32	NC	--	NOT CONNECTED

DIMENSIONS

