

ET043002DH6 / 4.3" TFT LCM

Pin Assignment



GENERAL INFORMATION

LCD Type	4.3" TFT
Resolution	480(RGB) * 272 Dots
Display Color	16.7M color
Module dimensions	105.5(W)*67.2(H)*4(T)MM
Active Area	95.04(W)*53.856(H) mm
Pixel Pitch	0.198(W)*0.198(H)mm
Luminance	350cd/m Typ
Contrast Ratio	1/ 400
Viewing Direction	6 o'clock
Viewing Angle	Y:+45 -75, X +75 -75 deg.
Polarizer Type	Transmissive
Response Time	Tr: 15ms, Tf : 35ms
VDD / VLED	3.3V / 33V (20mA)
Interface	24bit RGB
Connection Type	45pin Pitch 0.5mm Connector
Driver IC	HX8655, HX8227

Pin No	SYMBOL	I/O	FUNCTION
1	VSS	P	GROUND
2	VSS	P	GROUND
3	VDD	P	POWER SUPPLY (+3.3V)
4	VDD	P	POWER SUPPLY (+3.3V)
5~12	D00~D07	I/O	DISPLAY DATA (R)
13~20	D10~D17	I/O	DISPLAY DATA (G)
21~28	D20~D27	O/O	DISPLAY DATA (B)
29	VSS	P	GROUND
30	CLK	I	CLOCK SIGNAL FOR DATA LATCHING AND INTERNAL COUNTER OF THE TIMING CONTROLLER
31	DISP	I	DISPLAY ON/OFF CONTROL SIGNAL Lo: DISPLAY OFF Hi : DISPLAY ON
32	HSYNC	I	HORIZONTAL SYNC SIGNAL
33	VSNC	I	VERTICAL SYNC SIGNAL
34	DE	I	HORIZONTAL SYNC CONTROL SIGNAL
35	NC	--	NOT CONNECTION
36	VSS	P	GROUND
37	YU	I	Y-AXIS UPPER TERMINAL
38	XL	I	X-AXIS LEFT TERMINAL
39	YD	I	Y-AXIS LOWER TERMINAL
40	XR	I	X-AXIS RIGHT TERMINAL
41	VSS	P	GROUND
42	BLL	P	BACKLIGHT DRIVE (CATHODE)
43	BLH	P	BACKLIGHT DRIVE (ANODE SIDE)
44	NC	0	NOT CONNECTION
45	NC	0	NOT CONNECTION

DIMENSIONS

