

# ET070000DM6 / 7.0" Digital TFT

## PIN ASSIGNMENT



## GENERAL INFORMATION

LCD Type	7.0" TFT
Resolution	800(RGB) * 480 Dots
Display Color	18bits color
Module dimensons	165.0(W) * 104(H) * 8.7(T) mm
Viewing Area	154.4(W) * 93.44(H)
Active Area	152.4(W) * 91.4(H)
Dot Pitch	0.1905(W) * 0.1905(H)
Driver IC	HX8232, HX8643
Luminance	450 cd/m Typ
Contrast Ratio	1/400
Interface	18 bits RGB, (SYNC or DE Mode)
Connection Type	40pin Pitch 0.5mm Connector

PIN NO	SYMBOL	I/O	FUNCTION
1	U/D	I	U/D=H:OUT1→OUT2→ ..... →OUT480 U/D=L:OUT480→ ..... →OUT2→ OUT1
2	R/LD	I	R/L= H:OUT1→OUT2→ ..... →OUT840 R/L=L:OUT840→ ..... →OUT2→ OUT1
3	NC (LEDCTRL)	--	NC
4 - 7	VCC	P	POWER SUPPLY ( 3.3V)
8	NC	---	NC
9	DE	O	DATA ENABLE INPUT
10 - 12	VSS	P	GROUND
13 - 15	B5 - B3	I	BLUE DATA BIT5 - BIT3
16, 20, 24,	VSS	P	GROUND
17 - 19	B2 - B0	I	BLUE DATA BIT2 - BIT0
21 - 23	G5 - G3	I	GREEN DATA BIT5 - BIT3
25 - 27	G2 - G0	I	GREEN DATA BIT2 - BIT0
28, 32,36	VSS	P	GROUND
29 - 31	R5 - R3	I	RED DATA BIT5 - BIT3
33 - 35	R2 - R0	I	RED DATA BIT2 - BIT0
37	MODE	I	DE/SYNC MODE SELECT,NORMALLY PULLED HIGH. H:DE MODE L:SYNC MODE
38	DCLK	I	DOT DATA COLOCK
39	HSYNC	I	HORIZONTAL SYNC INPUT
40	VSYNC	I	VERTICAL SYNC INPUT

## CN1 INTERFACE

1	VBL+(A)	POWER SUPPLY FOR LED BACKLIGHT (ANODE)
2	VBL-(K)	POWER SUPPLY FOR LED BACKLIGHT (CATHODE)

## DIMENSIONS

