

LCD Newhaven NHD-4.3-480272EF-ASXN# connector

Pin Description

Pin No.	Symbol	External Connection	Function Description
1	LED-	Power Supply	Backlight Cathode (Ground)
2	LED+	Power Supply	Backlight Anode (25.6V @ 40 mA)
3	GND	Power Supply	Ground
4	V _{DD}	Power Supply	Supply Voltage for LCD and logic (3.3V)
5-12	[R0-R7]	MPU	Red Data signals
13-20	[G0-G7]	MPU	Green Data signals
21-28	[B0-B7]	MPU	Blue Data signals
29	GND	Power Supply	Ground
30	CLK	MPU	Data sample Clock signal
31	DISP	MPU	Display ON/OFF signal
32	HSYNC	MPU	Line synchronization signal
33	VSYNC	MPU	Frame synchronization signal
34	DEN	MPU	Data Enable signal
35	NC	-	No Connect
36	GND	Power Supply	Ground
37	NC	-	No Connect
38	NC	-	No Connect
39	NC	-	No Connect
40	NC	-	No Connect

SN74LVC2T45

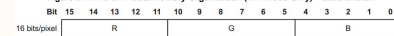
Table 1. Function Table⁽¹⁾ (Each Transceiver)

INPUT DIR	OPERATION
L	B data to A bus
H	A data to B bus

(1) Input circuits of the data I/Os always are active.

OMAPL138 LCDC

Figure 24-7. 16-BPP Data Memory Organization (TFT Mode Only)—Little Endian



SN74AVC16T245

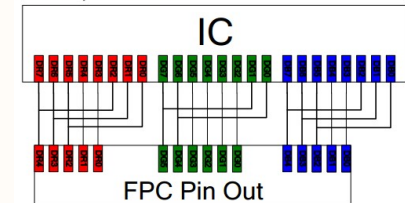
Table 1. Functions Table⁽¹⁾

CONTROL INPUTS		OUTPUT CIRCUITS		OPERATION
OE	DIR	A PORT	B PORT	
L	L	Enabled	H-Z	B data to A bus
L	H	H-Z	Enabled	A data to B bus
H	X	H-Z	H-Z	Isolation

(1) Input circuits of the data I/Os always are active.

Sitronix ST7282T2 Driver

17.3 65K Input Color Format



17.4 4K Input Color Format

