



LCD-128



Product Overview:

The **LCD-128** is a 1.5" 128x128 CSTN colour LCD display. This LCD is the same display used in the microLCD range of modules. It allows a very cost effective means of adding a full colour small display to any product or your next microcontroller project. Schematics and sample initialisation code are also available upon purchase.

Main Features:

- 128 x 128 1.5" CSTN 65K colours
- HD667A66 Driver IC (Data Sheet available)
- 19 pins on LCD FPC, 0.5mm pitch
- Dimensions: 38.6mm x 37.6mm x 4mm
- 2.2 to 3.6 Volts supply, nominal 3.3 Volts @ 1mA
- 5 Volts or greater for the White LED backlighting @ 10mA to 70mA

Pin	Name	Description
1	RESET	Reset Signal, Initialises the LCD when Low (Active Low)
2	GND	Ground
3	VCC	Supply Voltage 2.2 Volts to 3.6 Volts, nominal 3.3 Volts
4	CS	Chip Select Signal (Active Low)
5	RS	Register/Control Select. Low = Register Index, Hi = Data
6	WR	Write Signal Strobe (Active low)
7	RD	Read Signal Strobe (Active Low)
8-15	D0-D7	LCD DATA Bus, connects to host micro 8 bit data bus or port
16	GND	Ground
17	NC	Not Used
18	LED+	Backlight LED positive supply 10mA to 70mA
19	LED-	Backlight LED negative supply, nominally connects to GND

Related Products:

- **uLCD-128-BREAKOUT** (Carrier Board for the 128x128 LCD display)
- **LCD-160** (1.8" 128x160 RGB 65K colour LCD Display)
- **uLCD-160-BREAKOUT** (Carrier Board for the 128x160 LCD display)

For Help and Other Information:

- Assistance with latest information and downloads visit the **µLCD** product web-page of your distributor.
- Questions and technical support please email support@4dsystems.com.au