

IDB-CI064-4001-xx-02.

Overview

IDS have designed a break-out board for our CI064-4001-xx range of standard COG displays.

The IDB-CI064-4001-xx-02. enables our CI064-4001-xx COG displays to be used with the industry standard 16 pin interface, and on the standard 0.1" header, with the built-in options for internal or external contrast control and character position on screen.



LCD Connection

Insert the LCD Flexi with the white side up
Push the brown Flexi Clamp Back in place



Pin Description

| Pin no | Symbol | Function |
|--------|--------|--|
| 1 | RSTB | External reset, low active. If only power on reset is required |
| 2 | A0 | Selects register date "H" and instruction "L" |
| 3 | CSB | Chip select pin, low active |
| 4 | R/W | Use as read/write select input |
| 5 | E | Use as read/write enable signal |
| 6 | DB0 | Display data signal. |
| 7 | DB1 | |
| 8 | DB2 | |
| 9 | DB3 | |
| 10 | DB4 | |
| 11 | DB5 | |
| 12 | DB6 | |
| 13 | DB7 | |
| 14 | VSS | Power supply (0V) |
| 15 | VDD | Power supply (+2.7V ~ 3.45V) |
| 16 | VG | LCD driving voltage for segment circuits |
| 17 | Vo | Voltage level for LCD driving |
| 18 | XVo | LCD driving voltage for common circuits at positive frame |
| A | LED+ | Anode of LED backlight |
| K | LED- | Cathode of LED backlight |

