

# IDB-CI064-4001-xx-01.

## Overview

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

The IDB-CI064-4001-xx-01. 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	V0	Voltage level for LCD driving
18	XV0	LCD driving voltage for common circuits at positive frame
A	LED+	Anode of LED backlight
K	LED-	Cathode of LED backlight

