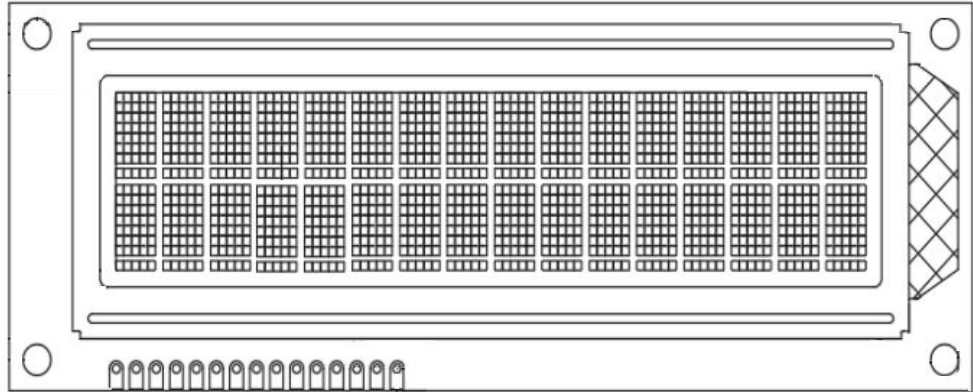


# LDG15B

## USER MANUAL



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### 3. Terminal functions

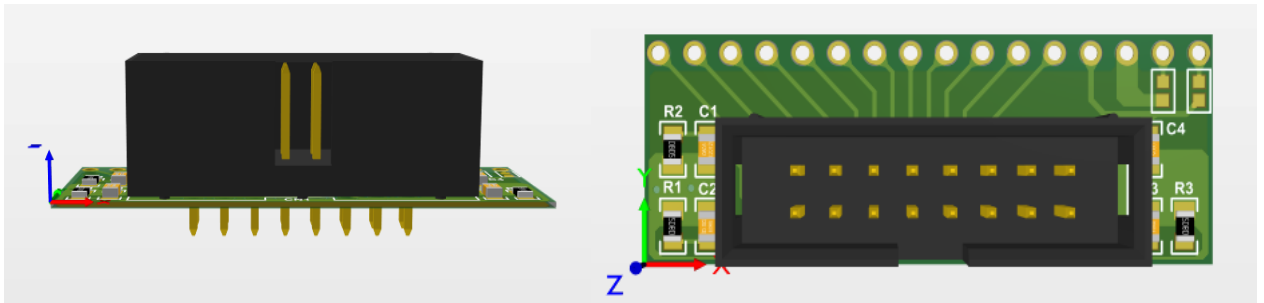
Pin No	Name	Description
1	VSS	0V (Ground)
2	VDD	Positive power supply +5V
3	V0	LCD contrast adjustment
4	RS	Register selection: RS=HIGH: Data RS=LOW: Command
5	R/W	Read/Write control: R/W=HIGH: Read mode selected R/W=LOW: Write mode selected
6	E	Data enable
7	DB0	Bi-directional data bus
:		
14	DB7	
15	BLA	Backlight positive supply
16	BLK	Backlight negative supply

### 4. Maximum ratings

Item	Symbol	Min	Max	Unit
Supply voltage	VDD	0	7	V
Operating temperature	Top	0	50	°C
Storage temperature	Tstg	-20	60	°C

**III. Accessory (*Apply for some coffee machine models*)**

It's necessary to have an auxiliary circuit that is illustrated in the following images for a proper connection between the control board and LDG15B screen.



Use the original cable or **CBL** cable product provided by Tifatech for connecting.

**IV. Suitable machines**

**LDG15B** could be a substitute for a variety of coffee machines equipped with the same LCD.

It can also be used on any electronic board that requires a display with satisfying working conditions.

Some of the popular models of coffee machine that uses our display product are listed below.

<b>Manufacturer</b>	<b>Model</b>
Expobar	G-10, Onyx Pro 2 Group
B.F.C	Lira, Monza, Imola, Maranello
Reneka	Life 2 Group, Viva 2 Group
CIME	CO-03 1/2 Group, CO-02, NEO-1 Group
La Marzocco	Gs3 AV/1G

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