

SPECIFICATION:

[MoniServ, Inc. | http://store.lcdparts.net/](http://store.lcdparts.net/) | <http://lcdparts.net/> | <https://lcdpart.com>

1600 Noriega Street | San Francisco | CA 94122 | 1-415-682-8685

MS615UB-V2	Dimension: 125MM(L)X30MM(W)X15MM(H)
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MS615UB is designed to drive our LSR, SB and UB series LED upgrade kits for LCD screens size between 15" to 32". MS615UB is also compatible with LCD screens that originally equipped with its manufacturer's LED strip. MS615UB can drive LED strips up to 55V DC (40 Watt).

Pin Out:

By Default. The pin out on CN1 is P1/P2=VIN, P3/P5=GND, P4=ADJ, P6=ENA

Optional Pin Out:

On CN1 by change few jumpers setting and it can be re-configured to:

P1/P2=VIN, P3=ENA, P4=ADJ, P5/P6=GND

ADJ:

MS615UB is using a negative analog control (0~3.5V DC, 0V =Max).

Input Pin Assignment:

Default Pin Assignment: (Shorted JP5, Shorted JP6)

PIN NO	SYMBOL	DESCRIPTION
1,2	VIN	POWER SUPPLY: 10.5-24V DC
6	ENA	ENABLED & DISABLED CONTROL: 3.0V ON
4	ADJ	Analog: 0-3.5V, 0V=MAX. PWM: 250Hz
3,5	GND	POWER SUPPLY GROUND

Optional Pin Assignment: (Shorted JP1, JP3, JP4 and Remove shorted on JP5 and JP6)

PIN NO	SYMBOL	DESCRIPTION
1,2	VIN	POWER SUPPLY: 10.5-24V DC
3	ENA	ENABLED & DISABLED CONTROL: 3.0V ON
4	ADJ	Analog: 0-3.5V, 0V=MAX. PWM: 250Hz
5,6	GND	POWER SUPPLY GROUND

Output Pin Assignment:

CN2 and CN3

PIN	SYMBOL	FUNCTION
1	Red	POWER SUPPLY OUTPUT
2	LV	POWER SUPPLY GROUND



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How to connect

There is a 6 pin connectors on MS615UB (CN1). Pin outs are available on solder side.

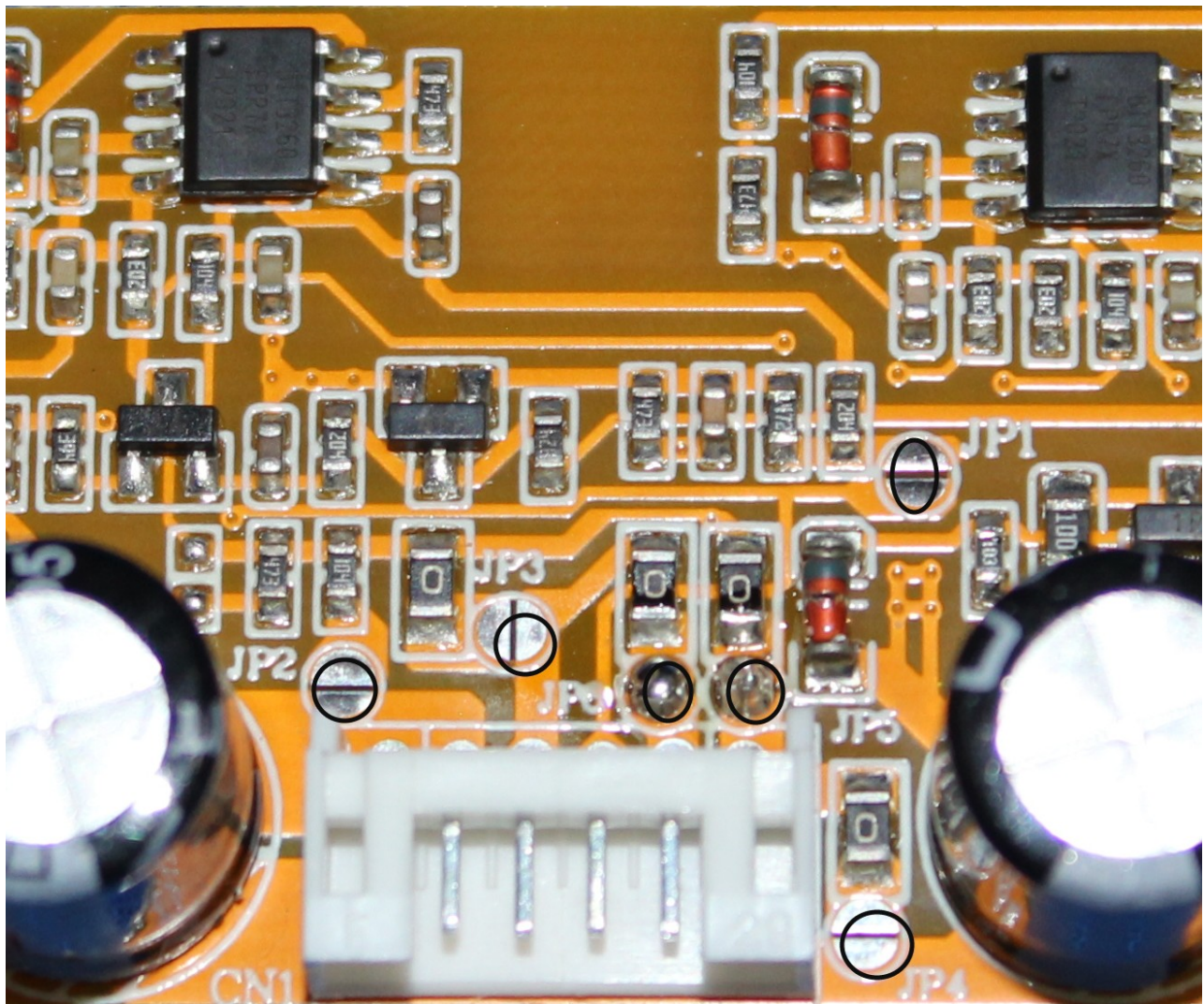
Default Pin out: - Shorted JP5 and JP6

Pin1/Pin2=VIN (+12V ~ 24V DC). P3/P5=GND (Power Ground). P4=ADJ, P6=ENA (On/Off). You will find all these DC voltage from your existing inverter wire harness and apply to MS615UB

Optional Pin out: - Shorted JP1, JP3 and JP4. Remove JP5 and JP6

P1/P2=VIN. P3=ENA, P4=ADJ/PWM, P5/P6=GND

Disable ENA - Shorted JP2



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