



Motor Driver 3713 (5channal 5motor)

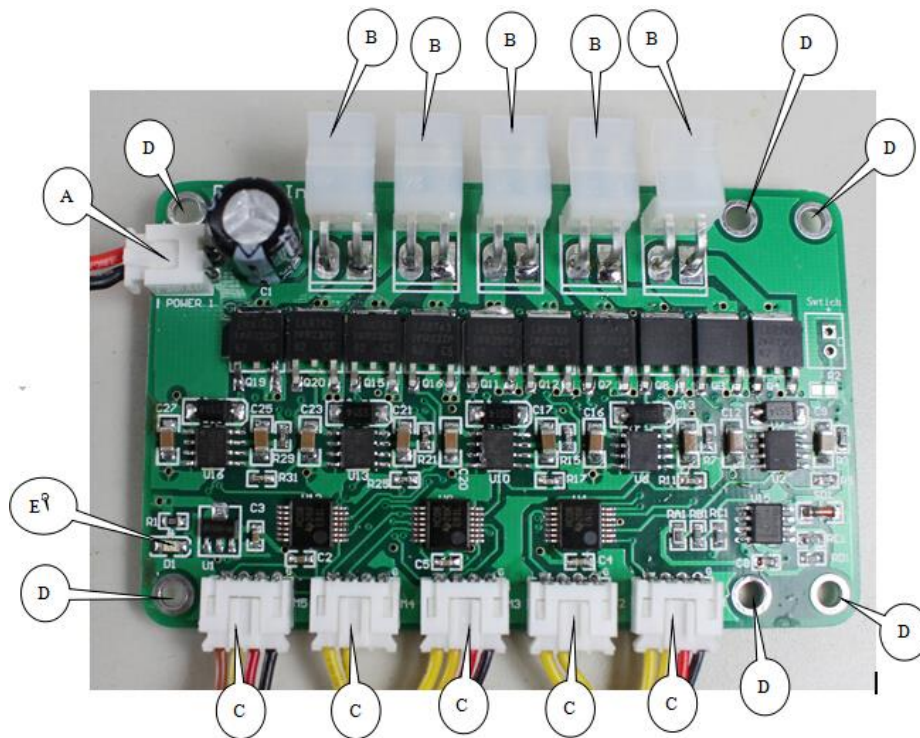
JMP-BE-3713

FEATURE

1. Wide range of working voltage: 6v - 12v (as long as motor permits).
2. High output current: the maximum current is 10A (as long as power permits).
3. Big acceleration, powerful brake function.
4. Compatible with 5V/ 3.3V signal level.
5. Support 6.7KHz high-frequency signal control.
6. Size (LWH): 88mm×56mm×20mm.

PORTS OF 3713

A	Power Input	Pin No.	Color	Function
B	Port for motor	Y	brown	Signal (input 0V or 5V/3.3V)
C	Port for RCU	X	yellow	Signal (input 0V or 5V/3.3V)
D	Mounting hole	V	red	available
E	Power indicator	G	black	GND (0V)
F	Switch (Module doesn't work in short)			



PARAMETER

Paramter	Symbol	Minimum value	Typical value	Maximum value	Unit
Power voltage	V _{ss}	6	8.4	12 (Note 1)	V
Output current	I _{ss}			10 (Note 2)	A
Signal input high voltage	V _{ih}	3	5	6	V
Signal input low voltage	V _{il}	0	0	0.8	V
Output voltage	V _{out}	0		V _{ss}	V



Note: (1) Depends on the voltage limitation of the motor connected.

(2) Refer to the maximum output voltage when only one motor is connected to the driver.

NOTICE

1. Disconnect the power if you think you are not going to use it for a long time, or it'll consume power.
2. Pay attention to positive/negative roles. Wrong connection will lead to driver damage.
3. Don't supply power with voltage higher than the motor voltage. For example, if the motor gets 12V working voltage, the driver cannot provide it voltage more than 12V, or the motor will be damaged.