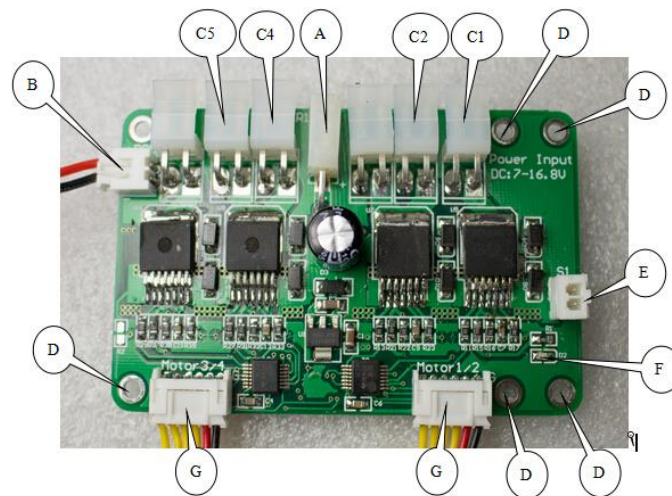


## Motor Driver JMP-BE-3714 (4channel 6motor)

### FEATURE

1. Wide range of working voltage: 7v - 21v (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 3.3V /5V signal level.
5. Support 6.7KHz high-frequency signal control.
6. Size (LWH): 88mm×56mm×20mm.

### PORTS OF 3714



A	Power Input		Motor Port	Motor Signal
B	Port for RCU		C1	Motor1
C	Port for motor		C2	Motor2
D	Mounting hole		C3	Motor2
E	Switch (Module doesn't work in short)		C4	Motor3
F	Power indicator		C5	Motor3
G	Motor signal input		C6	Motor4

### PARAMETER

Parameter	Symbol	Minimum value	Typical value	Maximum value	Unit
Power voltage	V <sub>ss</sub>	7	12.6	16.8(Note 1)	V
Output current	I <sub>ss</sub>			10 (Note 2)	A
Signal input high voltage	V <sub>ih</sub>	3	5	5.3	V
Signal input low voltage	V <sub>il</sub>	0	0	0.8	V
Output voltage	V <sub>out</sub>	0		V <sub>ss</sub>	V

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

(2) 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 poles. 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 should not provide it voltage more than 12V, or the motor will be damaged.