



54, Annapurna Industrial Estate, Tilak Road,
Ghatkopar (E), Mumbai - 400 077 India
Tel: +91-22-21029911
E-mail: sales@excellaelectronics.com

STEPPER DRIVE : B-804

Technical specifications:

Supply Voltage	24-75 V DC
Output Current	1.9 - 4.0 A
Step Modes	1/1-, 1/2-1, step
Current Adjustment	via DIP Switches
Clock Frequency	0 - 400 kHz max.
Pulse Width (Clock)	min. 1.25 ps high/low
Ambient Temperature	9°C - 100°C
Connection Type	Bcrew Type Terminals

Features:

- Thermal protection
- Short circuit and wrong polarity protection
- Optoisolated signal input
- Low vibration, high speed and high torque
- Potentiometer LEC for adjustable current reduction
- Potentiometer SA for adjustable precision of micro step

PIN and Signal Description:

V+	DC Power Supply 24-75 VDC
GND-	DC Power GND
A+, A-, B+, B-	Motor Connections
ENA-	Enable signal, - port
ENA+	Enable pulse signal, + port
PUL-	Stepper pulse signal input, - port
PUL+	Stepper pulse signal input, + port

Stepper Motor:

DIR-	Direction signal, - port
DIR+	Direction signal, + port

Step Mode and Current Adjustment:

Sw2	
ON	Two pulse
OFF	Single pulse

Step Mode	
Sw3	
ON	1/2 Step
OFF	1 Step



Mode:

Mode	Sw4	Sw5
(1) Itiesmooth and Advance	ON	ON
(2) Itiesmooth	ON	OFF
(3) Advance	OFF	ON
(4) Criterion	OFF	OFF

- (1) Suitable for high current
- (2) Lower running noise
- (3) Higher torque at middle speed
- (4) Suitable for all Stepper Motor

Current Setting			
Sw6	Sw7	Sw8	A
OFF	OFF	OFF	1.9
ON	OFF	OFF	2.2
OFF	ON	OFF	2.5
ON	ON	OFF	2.8
OFF	OFF	ON	3.1
ON	OFF	ON	3.4
OFF	ON	ON	3.7
ON	ON	ON	4.0

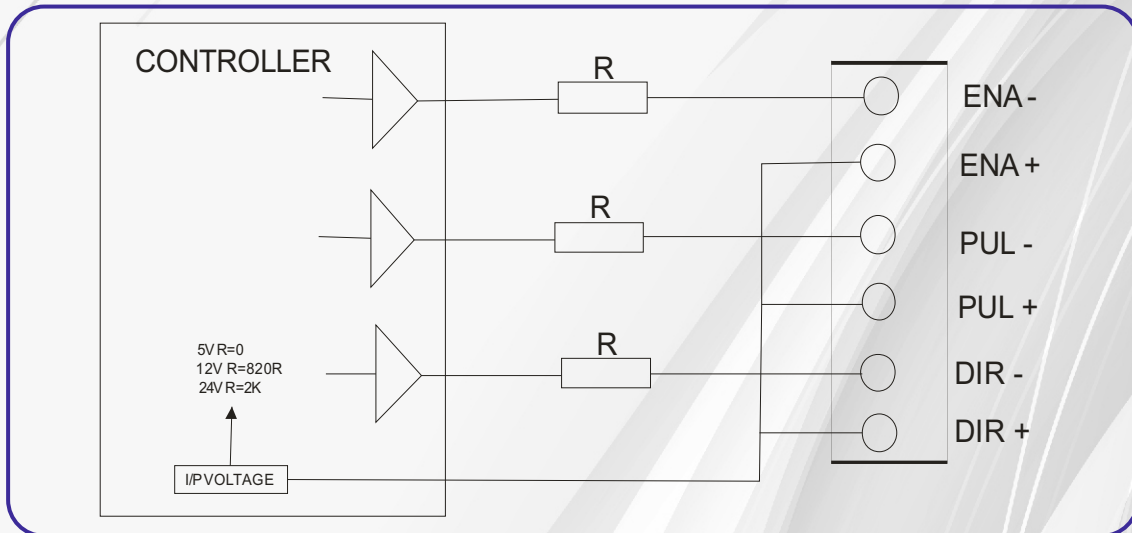


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INPUT CIRCUIT:



DRAWINGS:

