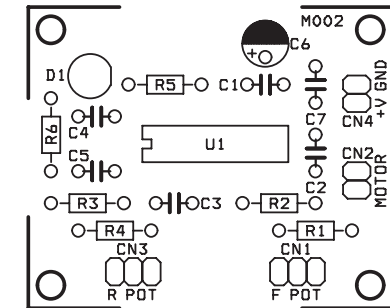
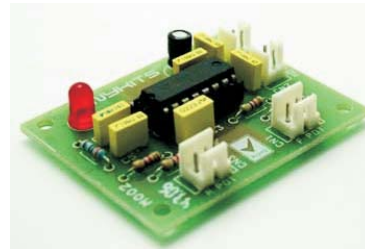


M002 DC SERVO MOTOR DRIVER

DC Servo Motor Driver kit, is designed using MC33030 IC, is the fastest and low cost way of getting your DC Servo Motor up and running.

- Input : 12 VDC
- Output : can drive upto 1 A Load
- Ref Pot and adjustable Pot provided
- Overcurrent shutdown, overvoltage shutdown
- Programmable reference input
- Power-On LED indicator
- Berg connector for interfacing the kit
- Four mounting holes of 3.2 mm each
- PCB dimensions 51 mm x 42 mm



CN1 Connector : Feedback Servo Gear box linkage
 CN2 Connector : DC motor 1 A Max
 CN3 Connector : Reference Potentiometer for position change
 CN4 Connector : Supply Input 12 VDC
 D1 : Power indication LED

SR.	QTY.	REF.	DESCRIPTION
1	1	CN1	3 PIN BERG CONNECTOR
2	1	CN2	2 PIN BERG CONNECTOR
3	1	CN3	3 PIN BERG CONNECTOR
4	1	CN4	2 PIN BERG CONNECTOR
5	4	C1,C2,C5,C7	0.1uF
6	1	C3	22nF
7	1	C4	10nF
8	1	C6	10uF/63V OR 50V
9	1	D1	RED LED
10	4	R1,R2,R3,R4	4.7K
11	1	R5	15K
12	1	R6	1K
13	1	U1	MC33030
14	1	SOCKET	16 PIN DIP IC SOCKET
15	2	POT	10K POTENTIOMETER

