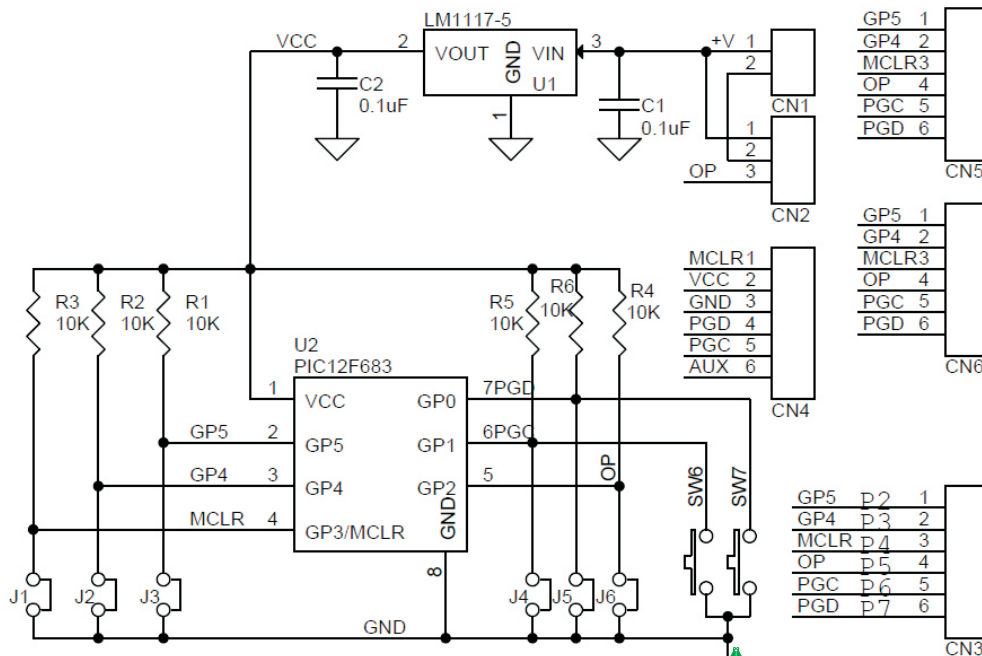
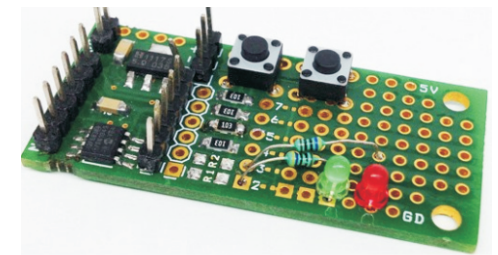
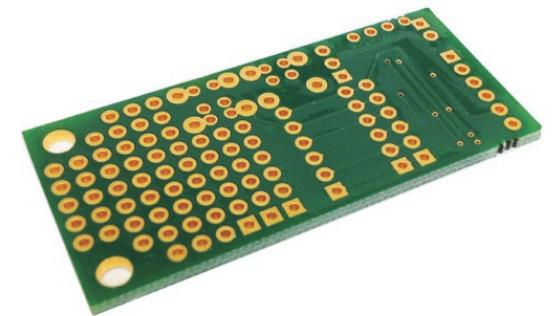
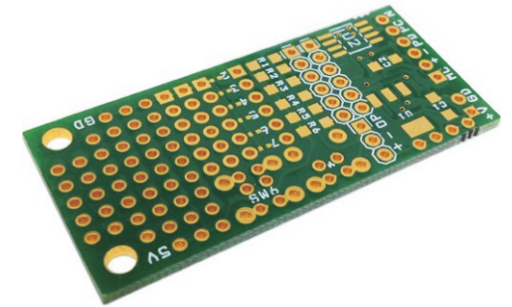


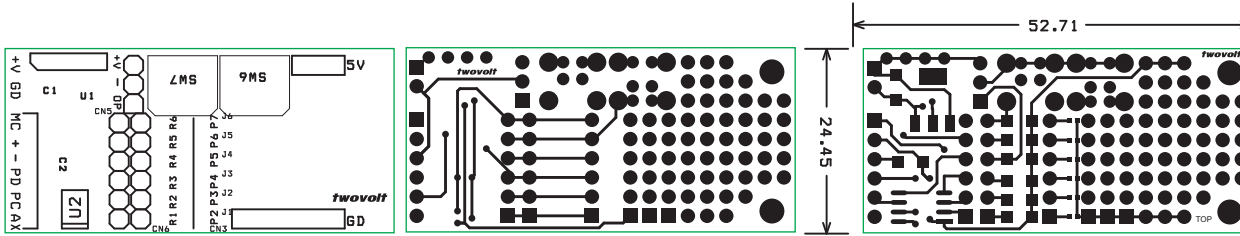
## 8 PIN PIC DEVELOPMENT BOARD (PIC12F683)

The 8 Pin SO8-SMD PIC Development / Evaluations Board demonstrates the capabilities of Microchip's 8-bit microcontrollers, specifically, It can be used as a standalone demonstration board with a programmed part. With this board you can develop and prototype with all Microchip's 8 PIN PIC microcontrollers which doesn't required crystals (External Oscillator). On board connector for ICSP allows an easy programming. The board has configurable pull ups on all pins can be soldered or abandon as per requirement, All pins has solder Jumpers for pull down. Onboard 5V regulator, two tact switch, one output connector to interface with 12V Relay board or solid state AC or DC Relay. Board has small prototype area. We have considered PIC12F683 IC for this Board.

### Features

- Supply 6V to 12V DC
- On Board ICSP Connector for Programming
- 3 Pin Output Header Connector for Relay or Solid State Relay
- All Pin has pull up resistors can be solder as per requirement
- All Pins has solder Jumper for pull down
- ON Board 5V Regulator
- On Board 2 tact switches
- Small Proto Area
- 3 Parallel Header Connectors connected to pin 2, 3, 4, 5, 6, 7





BOM			
SR	QNTY.	REF.	DESC.
1	1	CN1	2 PIN HEADER
2	1	CN2	3 PIN HEADER
3	4	CN3,CN4,CN5,CN6	6 PIN HEADER
4	2	C1,C2	0.1uF SMD 0805
5	6	J1,J2,J3,J4,J5,J6	SOLDER JUMPER
6	6	R1,R2,R3,R4,R5,R6	10K SMD 0805
7	1	SW6	TACT SWITCH
8	1	SW7	TACT SWITCH
9	1	U1	LM1117-5
10	1	U2	PIC12F683 SO8

