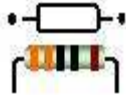



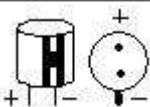
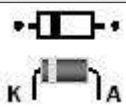


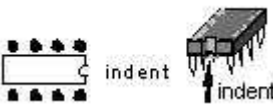
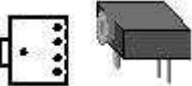
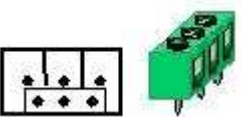


PicPatch Fundamental Kitset Assembly List

A000103 Ver.81007

Component Description	Qty	Notes	PCB Location
PIC-PATCH-08 PCB (Printed circuit board)	1	Components are placed onto the printed side	
Resistor 330R	3	 Orange, Orange, Black, Black. Bend leads by hand, at the body, so they are at right angles.	R3,R5
Resistor 10k	1	 Brown, Black, Black, Red. Bend leads by hand, at the body, so they are at right angles.	R6
Resistor 22k	1	 Red, Red, Black, Red. Bend leads by hand, at the body, so they are at right angles.	R7
Capacitor: 100nF (0.1uF) 100V	2		C1,C2
Capacitor Electrolytic: 47uF 25V	1	 Check ORIENTATION: Typically a strip on the side of the cap indicates the negative. Match this with the line on the PCB.	C4
Diode: 1N4004 1A	5	 Bend leads by hand, close to the body. CHECK ORIENTATION (note the band on Diode body is to match the band on PCB). Push body down onto the PCB.	D0,D1,D2,D4,D5
IC socket:4 pin SIL	12	 If SIL socket has more than 4 pins, cut into groups of 4 pins using a sharp knife or small sharp side-cutters	(R0a,R0b,R4a,R4b)=2 rows (R1a,R1b,R2a,R2b)=2 rows (R1d,R2d,R3d,R4d)=2 rows (Tr0,Tr1,Tr2,Tr3)=4 rows
IC:Picaxe 8 pin microcontroller: PICAXE 08M RE AVE007	1		IC1
IC socket 8 pin DIP	1	 Note ORIENTATION: Place indented end towards the dot on the PCB	Remove from foam. Fit to IC1
Socket: PCB Mtg 3.5mm Stereo Jack	1	 Some sockets may need the plastic underside posts cut off so that the pins can poke through the pcb and allow soldering.	J1
Terminal Block:3 pin Screw	6	 Place terminals with wire entry holes facing outwards	T0, T1, T2, T3, T4, T5
Solder	0.6		