



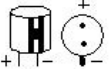


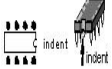

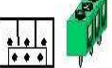

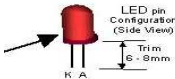


KiwiPatch Fundamental Kitset Assembly List

Component Description	Qty	Notes	Location
KIWIPATCH PCB	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.	R4, 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	3		C1,C2,C4
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.	C3
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 on to the PCB.	D0,D1,D2 D3, D4
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	P1
Terminal Block:3 pin Screw	1	 Place terminals with wire entry holes facing outwards	T1
Voltage Regulator: +5V: LM7805CT	1		REG1
LED Red	1	 LED pin Configuration (Side View) Trim 6 - 8mm	
Solder	0.6		