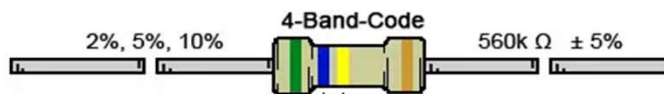


Pixie 40m XCVR BOM

id	√	REF DES	value	Qty	package	Notes	Markings
1		C1,C10	0.1 uF	2	Capacitor	100000 pf	104
2		C11,C2,C8,C4	10nF	4	Capacitor	10000 pf	103
3		C3	100 pf	1	Capacitor	100 pf	101
4		C5,C6	470pF	2	Capacitor	470 pf	471
5		C7	100pf	1	Capacitor	100 pf	101
6		C9	47nf	1	Capacitor	47000 pf	473
7		CP1	100u/16V	1	CP_8X13MM		or /25V
8		CP3,CP2	10uF/16V	2	CP_8X13MM		or /25V
9		CP4	10uF/16v	1	CP_8X13MM		or /25V
10		D1	GBJ15005	1	Bridge		~ ~ - +
11		D2	1N4001	1	DO35-7	Band	Black
12		D3	1N4148	1	DO35-7	Band	Clear
13		D4	LED	1	LED3MM	Flat spot	Red
14		J1,P2,P3	DC-038	3	DC-038		
15		J5	SPST_ON	1	TACTILE-PTH	2 pins and yellow jumper	
16		L1	22 uH	1	INDUCTOR-1206	Green body	220
17		L2	1uH	1	INDUCTOR-1206	Green body	10
18		L3	100uH	1	INDUCTOR-1206	Green body	101
19		P1,P4	SIP1	2	HDR1X1		
20		Q1	2N9018	1	SOT23, NPN Transistor	Flat spot	S9018
21		Q2	2N8050	1	SOT23, NPN Transistor	Flat spot	S8050
22		R1	47K	1	Resistor		473
23		R10	47K	1	TRIM_POT_PTH		
24		R12		51	Resistor (dummy load)	Not used	510
25		R2	33k	1	Resistor		333
26		R3	1k	1	Resistor		102
27		R4		470	Resistor		471
28		R6	100k	1	Resistor		104
29		R7		10	Resistor		100
30		R8,R5	10k	2	Resistor		103
31		E9	8 ohm	1	1X02	External	Speaker
32		SG1	BUZZER	1	BUZZER-CMT1603	External	Round +
33		SW1	Key	1	SWITCH-6X6X5_SIDE	External	
34		U1	LM386N-1	1	DIP-8		Socket
35		V1		5	BATTERY	External	9-14V
36		Y1	XTALfast	1	1X02	Use 7.040Mhz	7023

Mount to stops on leads

Green Brown Black
Orange Orange Orange
Brown Black Red
Yellow Violet Brown
Brown Black Yellow
Brown Black Black
brown Black Orange



COLOR	1 ST BAND	2 ND BAND	3 RD BAND	MULTIPLIER	TOLERANCE
Black	0	0	0	1Ω	
Brown	1	1	1	10Ω	± 1% (F)
Red	2	2	2	100Ω	± 2% (G)
Orange	3	3	3	1KΩ	
Yellow	4	4	4	10KΩ	
Green	5	5	5	100KΩ	± 0.5% (D)
Blue	6	6	6	1MΩ	± 0.25% (C)
Violet	7	7	7	10MΩ	± 0.10% (B)
Grey	8	8	8		± 0.05%
White	9	9	9		
Gold				0.1Ω	± 5% (J)
Silver				0.01Ω	± 10% (K)

