

4. Component Listing

4.1. RF Receiver

Parts Name	Description	Number of Units
Printed Circuit Board	-	1
Receiver Module	-	1
Harness	-	1
Antenna	-	1
Resistor	10 ohm	3
Resistor	10k ohm	1
Resistor	20k ohm	2
Resistor	1k ohm	1
Resistor	0 ohm	1
Resistor	4.7k - 100k ohm	1
Capacitor	10 μ F	1
Capacitor	0.1 μ F	3
Capacitor	0p - 100pF	2
Capacitor	1000pF	2
Capacitor	1000pF - 0.047 μ F	1
Zener Diode	6.2V	1
Zener Diode	27V	2
Diode	-	1
Transistor		2
Transistor		1
Inductor	10nH	2
Inductor or Capacitor	0 -100nH or 1-100pF	2

4.2. RF Module

Parts Name	Description	Number of Units
Capacitor	4pF	1
Capacitor	10nF	3
Capacitor	2.2nF	1
Capacitor	100pF	1
Inductor	0.1μH	1
IC	-	2
Resistor	0 ohm	3
Resistor	1k-10k ohm	1
Resistor	1.5k ohm	2
Resistor	47 ohm	1
Resistor	470k ohm	1
Resistor	1k-10k ohm	1
V Resistor	1k ohm	1
Terminal	-	6
Filter	314MHz	1
Coil	-	3
Filter	10.7MHz	1
Crystal	60.66MHz	1

Parts Name	Description	Number of Units
Capacitor	100nF	1
Capacitor	2pF	1
Capacitor	4pF	2
Capacitor	5pF	1
Capacitor	6pF	1
Capacitor	100pF	2
Capacitor	330p-3.3nF	2
Capacitor	10nF	6
Capacitor	12pF	1
Capacitor	2.2nF	2
Capacitor	6.8n-47nF	1
Capacitor	0-22nF	1
Capacitor	22p-680pF	1
Capacitor	2.5pF	1
Capacitor	47nF	1
Transistor	-	5
Inductor	27nH	2
Resistor	10k ohm	3
Resistor	6.8k ohm	1
Resistor	8.2k ohm	1
Resistor	100k ohm	2
Resistor	10k-270k ohm	1
Resistor	150k ohm	1
Resistor	470k ohm	1
Resistor	12k ohm	1
Resistor	1.8k ohm	1
Resistor	2.2k ohm	2
Resistor	22k ohm	1
Resistor	2.0M ohm	1
Resistor	470 ohm	1
Resistor	33 ohm	1
Resistor	3.3k ohm	1
Resistor	47k ohm	2