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| **Type** | **Part Description** | **Quantity** |
| Breadboard | Solderless, 830 Tie Points, 4 Power Rails | 1 ea |
| IC, DIP-8 | LF353CN, Single JFET single Op Amp IC | 2 ea |
| IC, DIP-8 | TL071CN, Single JFET Op Amp IC | 2 ea |
| IC, DIP-8 | LM1458N, Dual Op Amp IC | 2 ea |
| IC, DIP-14 | TL592, Video Amplifier IC | 2 ea |
| Transistor | 2N4401, NPN, GP Switch/Amplifier, TO-92 | 4 ea |
| Transistor | 2N4403, PNP, GP Switch/Amplifier, TO-92 | 4 ea |
| Diode | 1N4001, 100V, 1 Amp, Silicon, Power | 4 ea |
| Diode | 1N4004, 400V, 1 Amp, Silicon, Power | 4 ea |
| Diode | 1N4148, Silicon, Signal | 10 ea |
| Zener Diode | 1N5231B, 5.1V, 1/2 Watt, Axial, DO-35 | 4 ea |
| Zener Diode | 1N5243, 13V, 1/2 Watt, Axial, DO-35 | 4 ea |
| Zener Diode | BZX55C12, 12V, 500mWatt, Axial | 4 ea |
| Resistor | 10 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 36 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 47 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 56 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 100 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 150 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 200 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 270 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 390 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 510 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 1.0K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 1.5K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 2.0K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 3.3K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 5.1K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 7.5K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 8.2K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 10K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 15K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 18K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 30K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 47K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 75K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 100K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 330K, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Capacitor | 4.7pF, 50v, NPO, Ceramic Disc | 2 ea |
| Capacitor | 12pF, 50v, NPO, Ceramic Disc | 2 ea |
| Capacitor | 39pF, 50v, NPO, Ceramic Disc | 2 ea |
| Capacitor | 180pF, 50v, NPO, Ceramic Disc | 2 ea |
| Capacitor | 390pF, 50v, NPO, Ceramic Disc | 2 ea |
| Capacitor | 750pF, 50v, NPO, Ceramic Disc | 2 ea |
| Capacitor | 2200pF, 50v, X7R, Ceramic Disc | 2 ea |
| Capacitor | .01uF, 50v, X5F, Ceramic Disc | 2 ea |
| Capacitor | .027uF, 250v, Metal Polyester | 2 ea |
| Capacitor | .033uF, 250v, Metal Polyester | 2 ea |
| Capacitor | .047uF, 50v, X7R, Ceramic | 2 ea |
| Capacitor | .10uF, 63v, X7R, Ceramic | 2 ea |
| Capacitor | 1.0uF, 100v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 3.3uF, 50v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 6.8uF, 35v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 10uF, 16v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 22uF, 10v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 33uF, 10v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 47uF, 16v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 120uF, 25v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 220uF, 10v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 470uF, 16v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 1200uF, 10v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 1500uF, 16v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 3.3uF, 25V, Tantalum, Radial | 2 ea |
| Capacitor | 4.7uF, 35V,Tantalum, Radial | 2 ea |
| Capacitor | 10uF, 10V, Tantalum, Radial | 2 ea |
| Crystal | 7.3728 MHz, HC-49U | 1 ea |
| Crystal | 8.8672 MHz, HC-49U | 1 ea |
| Crystal | 15.975 MHz, HC-49U | 1 ea |
| Clock Oscillator | 12.624 MHz, DIP-4 | 1 ea |
| Inductor | 12uH, Radial | 2 ea |
| Inductor | 100uH, Axial | 2 ea |
| Inductor | 220uH, Axial | 2 ea |
| Inductor | 1.0mH, Axial | 2 ea |
| LED | Bi-Color, Red & Green, Diffused | 2 ea |
| LED | Red, Bright, Round, 5mm | 3 ea |
| LED | Green, Bright, Round, 5mm | 3 ea |
| LED | Yellow, Bright, Round, 5mm | 3 ea |
| LED | Blue, Bright, Round, 5mm | 3 ea |
| LED | White, Bright, Round, 5mm | 3 ea |
| Potentiometer | 470 Ohms, Single-Turn, PCB Mount | 1 ea |
| Potentiometer | 1.0K, Single-Turn, PCB Mount | 1 ea |
| Potentiometer | 22K, Single-Turn, PCB Mount | 1 ea |
| Potentiometer | 100K, Single-Turn, PCB Mount | 1 ea |
| Potentiometer | 220K, Single-Turn, PCB Mount | 1 ea |
| Potentiometer | 320K, Single-Turn, PCB Mount | 1 ea |
| Potentiometer | 1.0M, Single-Turn, PCB Mount | 1 ea |
| Battery Clip | 9V, Snap-type, 2 wires | 1 ea |
| Speaker | 8 Ohms, .1 Watt, Round, Miniature | 1 ea |
| Switch | Pushbutton, SPST Momentary, PCB Mount | 2 ea |
| Switch | Slide, SPDT Momentary, PCB Mount | 2 ea |
| Microphone | Electret, Panasonic | 1 ea |
| Header | Male, 8-pin .100" Centers, Square Post, Breakable | 1 ea |
| Jumper | Shorting Plug for Header, .100" Spacing | 2 ea |