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| **Type** | **Part Description** | **Quantity** |
| IC | LM7805, Positive 5 Volt Regulator, TO-220 | 1 ea |
| IC | LM7812, Positive 12 Volt Regulator, TO-220 | 1 ea |
| IC | LM555, Precision Timer | 2 ea |
| IC | 74LS05, Hex Inverter, Open-Collector | 1 ea |
| IC | 74LS112, Dual JK Flip-Flop | 1 ea |
| IC | 74LS153, Dual 4-Input Multiplexer | 1 ea |
| IC | 74LS38, Quad 2-Input NAND Gate | 1 ea |
| IC | 74LS161, Synchronous 4-Bit Counter | 1 ea |
| IC | 74LS257, Quad 2-Input Selector | 1 ea |
| IC | 74LS54, AND-OR-Invert Gate | 1 ea |
| IC | 74LS375, 4-Bit D Latch | 1 ea |
| IC | 74LS158, Quad 2-Input Multiplexer | 1 ea |
| IC | 74LS253, Dual 4-Input Multiplexer | 1 ea |
| IC | 74LS393, Dual 4-Bit Ripple Counter | 1 ea |
| IC | 74LS51, Dual AND-OR-Invert Gate | 1 ea |
| IC | 74HC00, Quad 2-Input NAND Gate | 1 ea |
| IC | 74HC11, Triple 3-Input AND Gate | 1 ea |
| IC | 74HC123, Dual Multivibrator | 1 ea |
| IC | 74HC245, Octal Transceiver | 1 ea |
| IC | 74HC86, Quad 2-Input XOR Gate | 1 ea |
| IC | 74S05, Hex Inverter, Open-Collector | 1 ea |
| IC | 74S10, Triple 3-Input NAND Gate | 1 ea |
| IC | 74S11, Triple 3-Input AND Gate | 1 ea |
| IC | 74S64, AND-OR-Invert Gate | 1 ea |
| IC | 7420, Dual 4-Input NAND Gate | 1 ea |
| IC | 74F08, Quad 2-Input AND Gate | 1 ea |
| IC | 74F113, Dual JK Flip-Flop | 1 ea |
| IC | CD4020, 14-Stage Ripple Counter | 1 ea |
| IC | MC1488 or DS14C88N, Quad Line Driver | 1 ea |
| Transistor | 2N4401, NPN, Amplifier/Switch, TO-92 | 4 ea |
| Transistor | 2N4403, PNP, Amplifier/Switch, TO-92 | 4 ea |
| Diode | 1N41448, Signal, DO-35 | 5 ea |
| Diode | 1N4002, 1 Amp, Rectifier, DO-41 | 4 ea |
| Resistor | 10 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 100 Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 1.0K Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 10K Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 100K Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Resistor | 1.0M Ohms, 1/4 Watt, 5%, Carbon Film | 5 ea |
| Capacitor | .15uF, 63v, Ceramic Disc | 10 ea |
| Capacitor | 1uF, 50v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 4.7uF, 16v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 33uF, 16v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 47uF, 16v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 100uF, 16v, 85° C, Aluminum, Radial | 2 ea |
| Capacitor | 470uF, 6.3v, 85° C, Aluminum, Radial | 2 ea |
| LED | RED, PCB Mount | 2 ea |
| LED | GREEN, PCB Mount | 2 ea |
| LED | YELLOW, PCB Mount | 2 ea |
| LED | BLUE, PCB Mount | 2 ea |
| LED | WHITE, PCB Mount | 2 ea |
| Potentiometer | 1.0K, Single Turn | 1 ea |
| Potentiometer | 4.7K, Single Turn | 1 ea |
| Potentiometer | 10K, Single Turn | 1 ea |
| Potentiometer | 100K, Single Turn | 1 ea |
| Speaker | Miniature, 32 Ohms | 1 ea |
| Switch | Pushbutton, Momentary, SPST | 4 ea |
| Breadboard | Solderless Breadboard, 830 points | 1 ea |