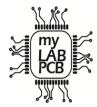


myCPU Clock

| Description | Value | Q |
|---|--------|---|
| 555 Timer | 555 | 3 |
| Ceramic capacitor | 10nF | 3 |
| Ceramic capacitor | 470nF | 1 |
| Ceramic capacitor | 100nF | 6 |
| Electrolytic capacitor 16v/50v | 10µF | 1 |
| Electrolytic capacitor 16v/50v | 0.22µF | 1 |
| Hex inverters | 74××04 | 1 |
| Led 5mm Round | Red | 1 |
| Led 5mm Round | Green | 1 |
| Mini slide switch 2 pos, 3 pins | SP2T | 1 |
| Pin Header, THT, pitch 2.54mm, Dual Row, Vertical | 16p | 1 |
| Pin Header, THT, pitch 2.54mm, Dual Row, Vertical | 32p | 1 |
| Pin Header, THT, pitch 2.54mm, Single Row, Vertical | 4p | 1 |
| Potentiometer vertical, rotary, 3pins | 1 M | 1 |
| Quad 2-input AND gates | 74xx08 | 1 |
| Quad 2-input OR gates. | 74xx32 | 1 |
| Resistor Axial | 1K | 4 |
| Resistor Axial | 220 | 2 |
| Resistor Axial | 4.7K | 2 |
| Resistor Axial | 330 | 1 |
| Tactile button 12 mm | 12mm | 1 |
| Trimmer resistor 3 pin | 1K | 1 |
| Vertical variable resistor 3 pins | 1 M | 1 |



Assembly List

myCPU Clock

| Designator | Description | Value |
|------------|---|--------|
| C1 | Electrolytic capacitor 16v/50v | 10µF |
| C4 | Electrolytic capacitor 16v/50v | 0.22µF |
| C5 | Ceramic capacitor | 10nF |
| C6 | Ceramic capacitor | 10nF |
| C7 | Ceramic capacitor | 470nF |
| C8 | Ceramic capacitor | 10nF |
| C9 | Ceramic capacitor | 100nF |
| C10 | Ceramic capacitor | 100nF |
| C11 | Ceramic capacitor | 100nF |
| C12 | Ceramic capacitor | 100nF |
| C13 | Ceramic capacitor | 100nF |
| C14 | Ceramic capacitor | 100nf |
| D1 | Led 5mm Round | Red |
| D2 | Led 5mm Round | Green |
| IC1 | 555 Timer | 555 |
| IC2 | 555 Timer | 555 |
| IC3 | 555 Timer | 555 |
| IC4 | Hex inverters | 74xx04 |
| IC5 | Quad 2-input OR gates. | 74xx32 |
| IC6 | Quad 2-input AND gates | 74xx08 |
| P1 | Pin Header, THT, pitch 2.54mm, Dual Row, Vertical | 16p |
| P2 | Pin Header, THT, pitch 2.54mm, Dual Row, Vertical | 32p |
| POT1 | Potentiometer vertical, rotary, 3pins | 1M |
| R1 | Trimmer resistor 3 pin | 1K |
| R2 | Resistor Axial | 1K |
| R3 | Vertical variable resistor 3 pins | 1M |
| R4 | Resistor Axial | 1K |
| R5 | Resistor Axial | 1K |
| R6 | Resistor Axial | 1K |
| R7 | Resistor Axial | 220 |
| R8 | Resistor Axial | 220 |
| R9 | Resistor Axial | 4.7K |
| R10 | Resistor Axial | 4.7K |
| R12 | Resistor Axial | 330 |
| SW1 | Mini slide switch 2 pos, 3 pins | SP2T |
| T1 | Pin Header, THT, pitch 2.54mm, Single Row, Vertical | 4p |
| | | |