



Resistors, caps and diodes:

- R1: 1K (brown-black-red)
- R2: 1K
- R3: 1K
- R4: 10K (brown-black-orange)
- R5: 10K
- R6: 10K
- R7: 3K6 (orange-blue-red)
- R8: 1K
- R9: 1K
- R10: 12K (brown-red-orange)
- R11: 12K
- R12: 22K (red-red-orange)
- R13: 33K (orange-orange-orange)
- R14: 33K
- R15: 22K
- R16: 47K (yellow-purple-orange)
- R17: 100K (brown-black-yellow)
- R18: 100K
- R19: 100K
- R20: 100K
- R21: 100K
- R22: 100K
- R23: 10K
- R24: 10K
- D1: 1N4001 (mind the direction!!!)
- D2: 1N4001
- C1: 22pF
- C2: 22pF
- C3: 100nF
- C4: 100nF
- C5: 100nF
- C6: 100nF
- C7: 4.7uF (this is the blue one)
- C8: 10nF
- C9: 10nF
- C10: 1.8nF
- C11: 4.7nF
- C12: 100nF
- C13: 100nF
- C14: 100nF
- C15: 100nF
- C16: 10uF (mind direction!!! square pad is "-")
- C17: 10uF

misc:

- XTAL: 20MHz
- Q1: BC547 (mind direction!!!)
- powerheader 10pin (mind direction!!!)
- 2x ic socket 14pin (mind direction!!!)
- 7805 power regulator (lay flat on PCB metal side on PCB)

Parts that have to be lined out with the panel:

- Place the panel before you solder!
- momentary push button
- Toggle Switches SPDT ON-ON
- 2x LEDs (mind direction!!! long leg is "+" square pad is "+")
- 6x Jack socket
- 3x potentiometer 10K lin

remove lip

