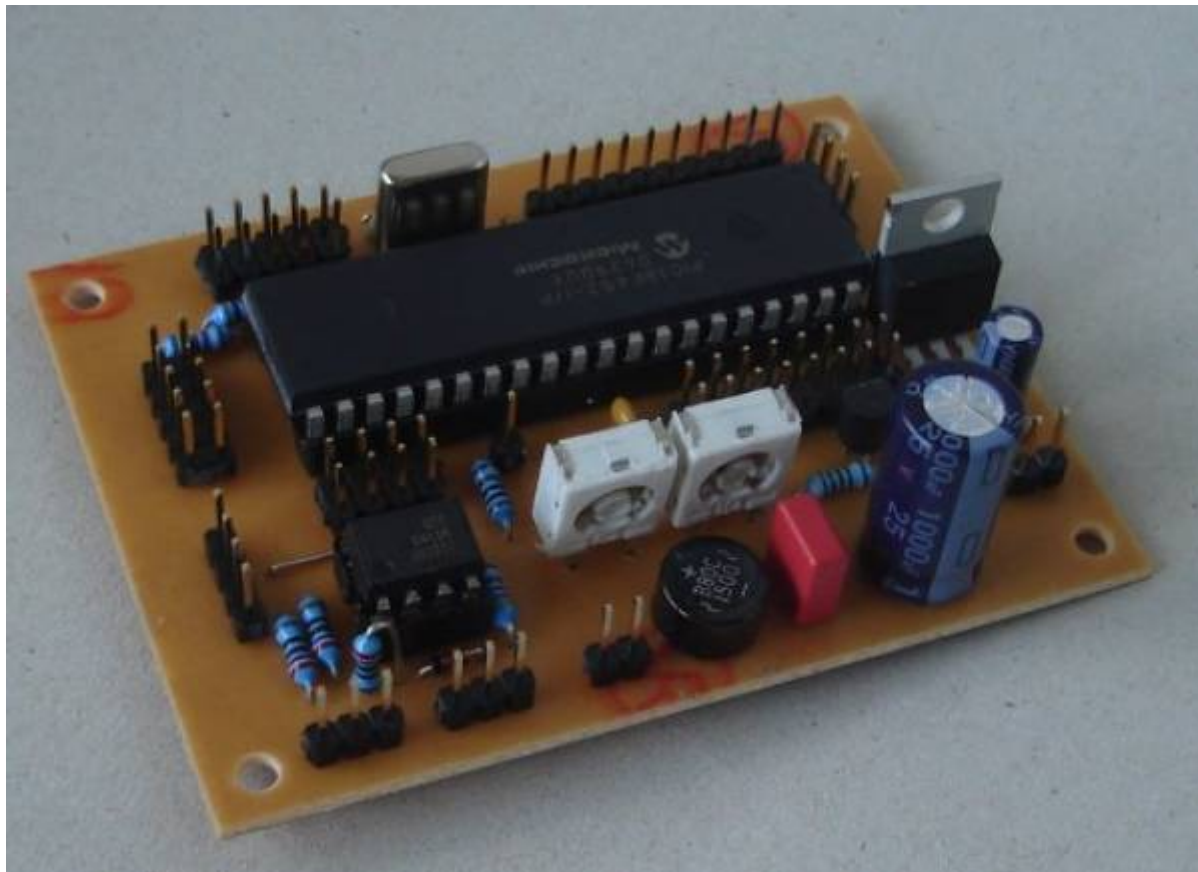


Core 8 Board parts list



Update refs since some are obsolete



[Official Ucapps Page](#)

Parts List

| Description | polarity | Soldering Temp | QTY | Reichelt Part# ¹⁾ | Mouser Part# |
|----------------------------------|----------|----------------|-----|------------------------------|-----------------------------------|
| PIC18F452-I/P | Yes | Don't!!! | 1 | PIC 18F452-I/P | 579-PIC18F452-I/P |
| Crystal 10 MHz | No | ??? | 1 | 10-HC18 | 73-XT49S1000-20 |
| Voltage Regulator 7805 | Yes | ??? | 1 | uA 7805 | 512-LM7805CT |
| IC-Socket for PIC | Yes | ??? | 1 | GS 40P | 571-3902625 |
| Optocoupler 6N138 | Yes | Don't!!! | 1 | 6N 138 | 782-6N138 |
| IC-Socket for Optocoupler | Yes | ??? | 1 | GS 8P | 571-3902612 |
| Transistor BC337 | Yes | ??? | 1 | BC 337-16 | 512-BC337TF |
| Resistor 10 kOhm | No | ??? | 3 | 1/4W 10k | 291-10K-RC |
| Resistor 5.6 kOhm | No | ??? | 1 | 1/4W 5.6k | 291-5.6K-RC |
| Resistor 1.2 kOhm | No | ??? | 1 | 1/4W 1.2k | 291-1.2K-RC |
| Resistor 1 kOhm | No | ??? | 3 | 1/4W 1k | 291-1K-RC |

| Description | polarity | Soldering Temp | QTY | Reichelt Part# ¹⁾ | Mouser Part# |
|--|----------|----------------|-----|------------------------------|------------------------------------|
| Resistor 220 Ohm | No | ??? | 3 | 1/4W 220 | 291-220-RC |
| Resistor 100 Ohm | No | ??? | 1 | 1/4W 100 | 291-100-RC |
| Ceramic Cap 100 nF | No | ??? | 3 | Z5U-2,5 100n | 80-C412C104K5R |
| Ceramic Cap 330 nF | No | ??? | 1 | MKS-2 330n | 80-C320C334M5U |
| Ceramic Cap 33 pF | No | ??? | 2 | Kerko 33p | 140-50N2-330J |
| Polarised Capacitor 10 uF | Yes | ??? | 1 | rad 10/35 | 140-HTRL25V10-RC |
| Polarised Capacitor 2200 uF | Yes | ??? | 1 | rad 2200/16 | 140-HTRL16V2200-RC |
| Diode 1N4148 | Yes | ??? | 1 | 1N 4148 | 78-1N4148 |
| Rectifier | Yes | ??? | 1 | B80C800RUND | 625-W08G |
| TrimmPot 10 k | Yes | ??? | 2 | PIHER 10-S 10K | 531-PT6KV-10K |
| MIDI Sockets | Yes | ??? | 2 | MAB 5S | 161-0505 |
| 1-row SIL Headers (about 30 pins) | No | ??? | 1 | STIFTL. 40G | 517-6111TG |
| 1-row sil female 36 con | No | ??? | 1 | - | 517-850-01-36 |
| 2-row SIL Headers (about 2*22 pins) | No | ??? | 1 | STIFTL. 2X40G | 517-6221TG |
| 2-row sil female 25 rows | No | ??? | 1 | - | 517-852-01-25 |
| Ribbon cable 3 meters | No | ??? | 3 | AWG 28-16G | - |
| Wall adapter (Power supply) 500 mA | - | ??? | 1 | MW 17-GS/6 | - |
| Socket for Power Supply | - | ??? | 1 | HEBLM 21 | - |

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[Reichelt Shopping Cart Links](#)

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