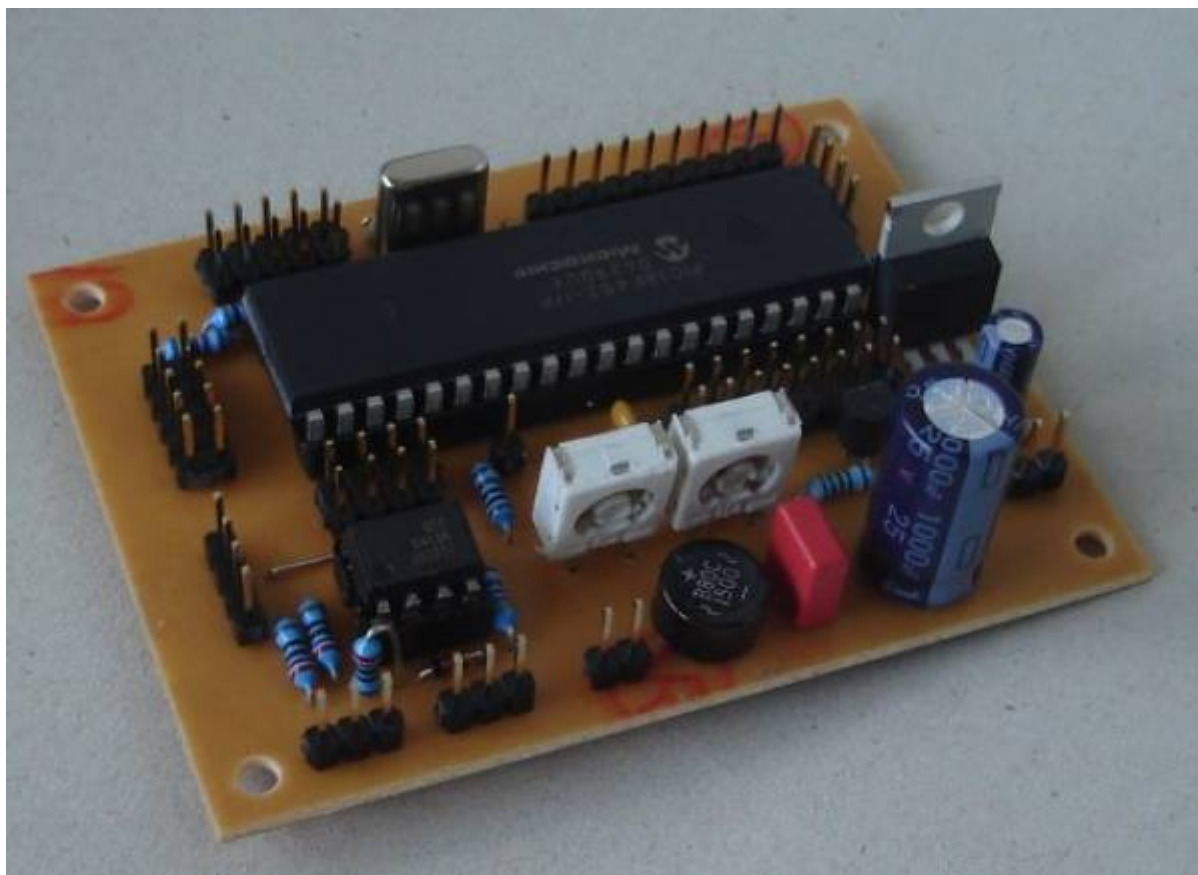


# Core 8 Board parts list



Update refs since some are obsolete



[Official Ucapps Page](#)

## Parts List

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

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

1)

[Reichelt Shopping Cart Links](#)

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