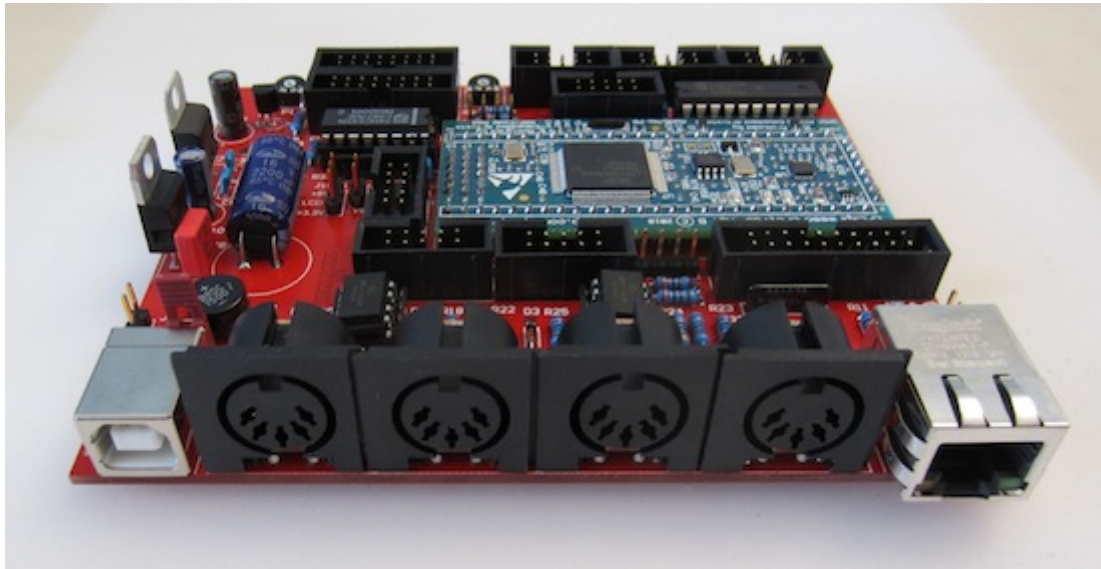


LPC17 Core 32 Board parts list



[Official Ucapps Page](#)

Parts List

Description	Type	Qty	Reichelt Ref	Mouser Ref	Digikey Ref
74HC595	IC	1	74HC 595		
74HCT541	IC	1	74HCT 541		
Voltage Regulator 7805	VR	1	uA 7805		
Voltage Regulator LF33	VR	1	LF 33 CV		
Rectifier	Rect	1	B80C800RUND		
Optocoupler 6N138	Opto	2	6N 138		
Diode 1N4148	Diode	3	1N 4148		
Transistor BC337	Triac	1	BC 337-16		
Resistor 10 kOhm	Resistor	1	1/4W 10k		
Resistor 4.7 kOhm	Resistor	2	1/4W 4.7k		
Resistor 2.2 kOhm	Resistor	4	1/4W 2.2k		
Resistor 1 kOhm	Resistor	4	1/4W 1.0k		
Resistor 220 Ohm	Resistor	2	1/4W 220		
Resistor 47 Ohm	Resistor	4	1/4W 47		
Resistor Network 4*10 kOhm	Resistor	1	SIL 5-4 10K		
Resistor Network 4*1 kOhm	Resistor	1	SIL 5-4 1,0K		
Ceramic Cap 100 nF	Capacitor	4	Z5U-2,5 100n		
Ceramic Cap 330 nF	Capacitor	1	MKS-2 330n		
Polarised Capacitor 47 uF	Capacitor	1	rad 47/25		
Polarised Capacitor 100 uF	Capacitor	1	rad 100/16		
Polarised Capacitor 2200 uF	Capacitor	1	rad 2.200/16		
TrimmPot 10 k	Pot	2	PT 6-L 10K		

Description	Type	Qty	Reichelt Ref	Mouser Ref	Digikey Ref
IC-Sockets for Optocoupler	Socket	2	GS 8		
IC-Socket for 74HC595	Socket	1	GS 16		
IC-Socket for 74HCT541	Socket	1	GS 20		
MIDI sockets for PCB mounting	Socket	4	MABP 5S		
2×5 DIL Sockets	Socket	7	PFL 10		
2×8 DIL Sockets	Socket	2	PFL 16		
1-row sockets (optional)	Socket	5	BL 1X20G 2,54		
2×10 DIL Header	PinHeader	1	WSL 20G		
2×8 DIL Headers	PinHeader	2	WSL 16G		
2×5 DIL Headers	PinHeader	7	WSL 10G		
1-row SIL Headers	PinHeader	3	SL 1X40G 2,54		
2-row SIL Headers	PinHeader	2	SL 2X10G 2,54		

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