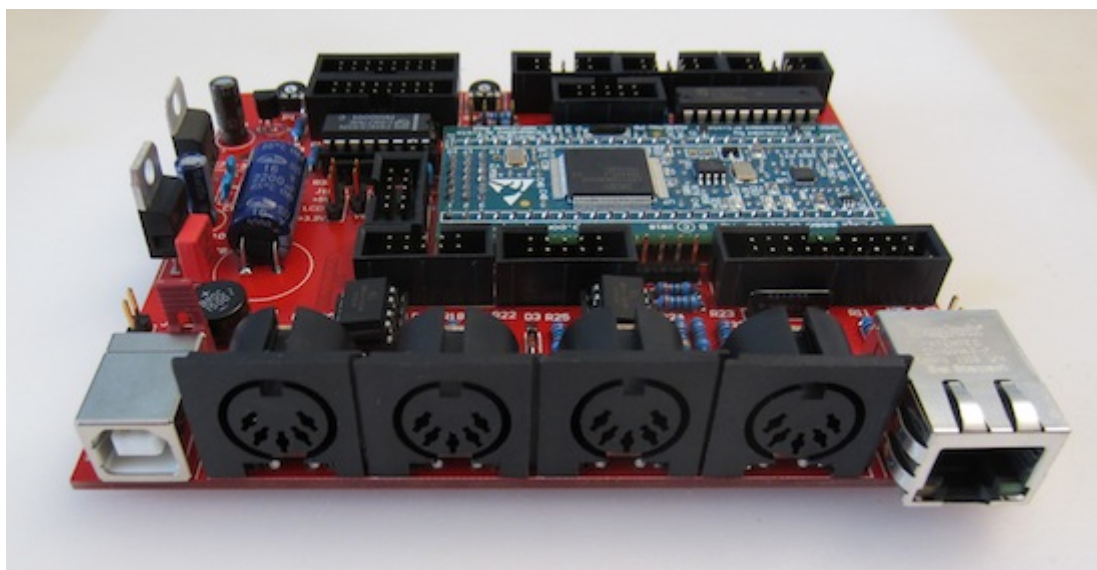


LPC17 Core 32 Board parts list

❌ **OBSOLETE** ❌



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Parts List

Description	Type	Qty	Reichelt Ref	Mouser Ref	Digikey Ref
74HC595	IC	1	74HC 595	595-CD74HC595E	
74HCT541	IC	1	74HCT 541	595-D74HCT541E	
7805	VR	1	uA 7805	511-L7805CV	
LF33	VR	1	LF 33 CV	511-LF33CV	
Rectifier	Rect	1	B80C800RUND	625-B80C800G-E4	
6N138	Optocoupler	2	6N 138	12-6N138M	
1N4148	Diode	3	1N 4148	512-1N4148	
BC337	Transistor	1	BC 337-16	512-BC33740TA	
10 kΩ	Resistor	1	1/4W 10k	291-10K-RC	
4.7 kΩ	Resistor	2	1/4W 4.7k	291-4.7K-RC	
2.2 kΩ	Resistor	4	1/4W 2.2k	291-2.2K-RC	
1 kΩ	Resistor	4	1/4W 1.0k	291-1K-RC	
220 Ω	Resistor	2	1/4W 220	291-220-RC	
47 Ω	Resistor	4	1/4W 47	291-47-RC	
ResNet 4*10 kΩ	Resistor	1	SIL 5-4 10K	652-4606X-1LF-10K	
ResNet 4*1 kΩ	Resistor	1	SIL 5-4 1,0K	652-4606X-1LF-1K	
100 nF	Capa Ceram	4	Z5U-2,5 100n	80-C412C104K5R	
330 nF	Capa Ceram	1	MKS-2 330n	140-50N2-330J	
47 µF	Capa Elec	1	rad 47/25	647-USV1C470MFD	
100 µF	Capa Elec	1	rad 100/16	667-EEU-FR1C101B	
2200 µF	Capa Elec	1	rad 2.200/16	667-EEU-FC1C222SB	

Description	Type	Qty	Reichelt Ref	Mouser Ref	Digikey Ref
TrimPot 10 k	Pot	2	PT 6-L 10K	72-T70XX-10K	
Optocoupler Sockets	Socket	2	GS 8	653-XR2A-0811-N	
74HC595 Socket	Socket	1	GS 16	653-XR2A-1611-N	
74HCT541 Socket	Socket	1	GS 20	653-XR2A-2001-N	
MIDI sockets	Socket	4	MABP 5S	571-5750477-1	
2×5 DIL Sockets	Socket	7	PFL 10	538-87834-1019	
2×8 DIL Sockets	Socket	2	PFL 16	538-87834-1619	
SIL Headers	PinHeader	3	SL 1X40G 2,54	855-M20-9994045	
DIL Headers	PinHeader	2	SL 2X10G 2,54	855-M20-9982046	

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