















## myCPU ALU module

Description	Value	Q
Electrolytic capacitor 16v/50v	10µF	1
Ceramic capacitor	100nF	7
Non inverting bus transceiver	74xx245	1
4-Bits Full adder with fast carry	74xx283	2
Quad 2-input XOR gates	74xx86	2
Quad 2-input NOR gates	74xx02	1
Quad 2-input AND gates	74xx08	1
Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	16p	1
Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	32p	1
Socket Header, THT, pitch 2.54mm, Dual Row, Vertical	24p	1
Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	8p	2
Resistor Axial	4.7K	1



## Assembly List

## myCPU ALU module

Designator	Description	Value
C1	Electrolytic capacitor 16v/50v	10µF
C2	Ceramic capacitor	100nF
C3	Ceramic capacitor	100nF
C4	Ceramic capacitor	100nF
C5	Ceramic capacitor	100nF
C6	Ceramic capacitor	100nF
C7	Ceramic capacitor	100nF
C8	Ceramic capacitor	100nF
IC1	Non inverting bus transceiver	74xx245
IC2	4-Bits Full adder with fast carry	74xx283
IC3	4-Bits Full adder with fast carry	74xx283
IC4	Quad 2-input XOR gates	74xx86
IC5	Quad 2-input XOR gates	74xx86
IC6	Quad 2-input NOR gates	74xx02
IC7	Quad 2-input AND gates	74xx08
P1	Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	16p
P2	Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	32p
Р3	Socket Header, THT, pitch 2.54mm, Dual Row, Vertical	24p
P5	Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	8p
P6	Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	8p
R1	Resistor Axial	4.7K