















Bill of Materials

Designator	Description	Value	Q
C1	Electrolytic capacitor 16v/50v	10µF	1
C3, C4, C5	Ceramic or tantalum capacitor	100nF	3
IC1	Non inverting bus transceiver	74LS245	1
IC2, IC3	4-Bit sync counter	74LS161	2
P1	Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	16p	1
P2	Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	32p	1
Р3	Socket Header, THT, pitch 2.54mm, Dual Row, Vertical	24p	1
RN1	Resistor array 8 elements, 9 pins	330Ω	1



Assembly List

Designator	Description	Value
C1	Electrolytic capacitor 16v/50v	10µF
C3	Ceramic or tantalum capacitor	100nF
C4	Ceramic or tantalum capacitor	100nF
C5	Ceramic or tantalum capacitor	100nF
IC1	Non inverting bus transceiver	74LS245
IC2	4-Bit sync counter	74LS161
IC3	4-Bit sync counter	74LS161
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
RN1	Resistor array 8 elements,9 pins	330Ω