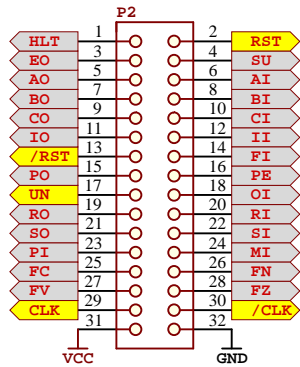
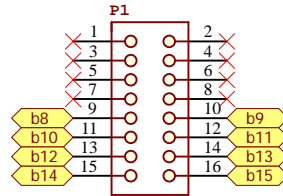




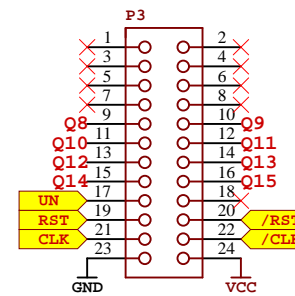
### Control BUS Connector



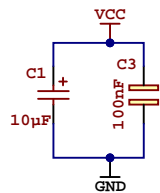
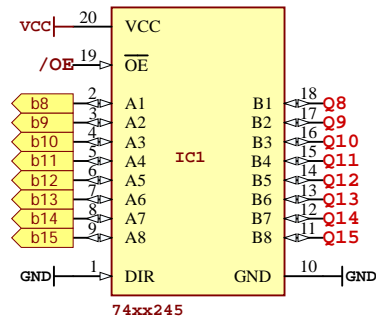
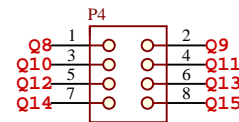
### Data BUS Connector



### OUTPUT Connector



### OUT Connector



Decoupling Capacitors

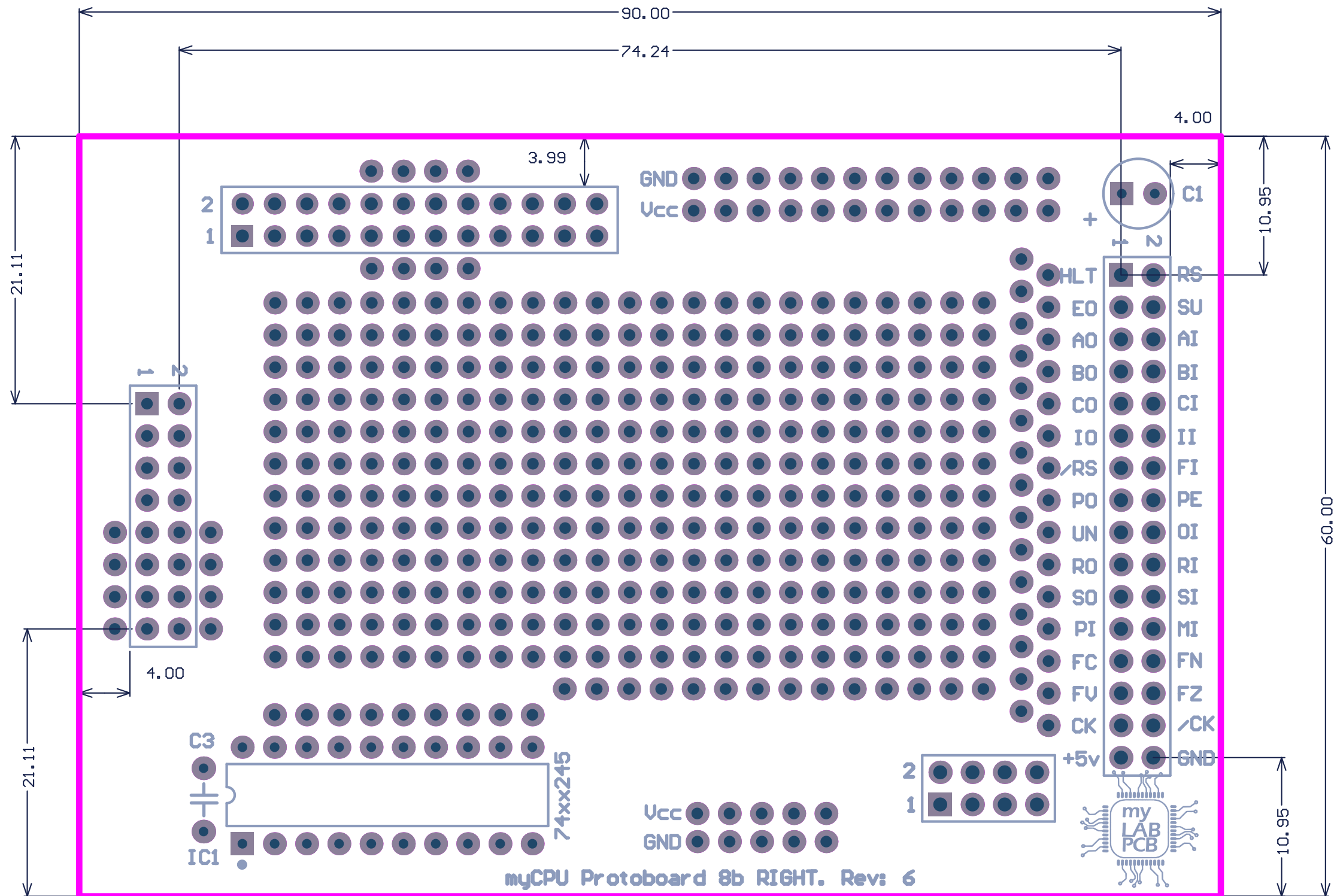


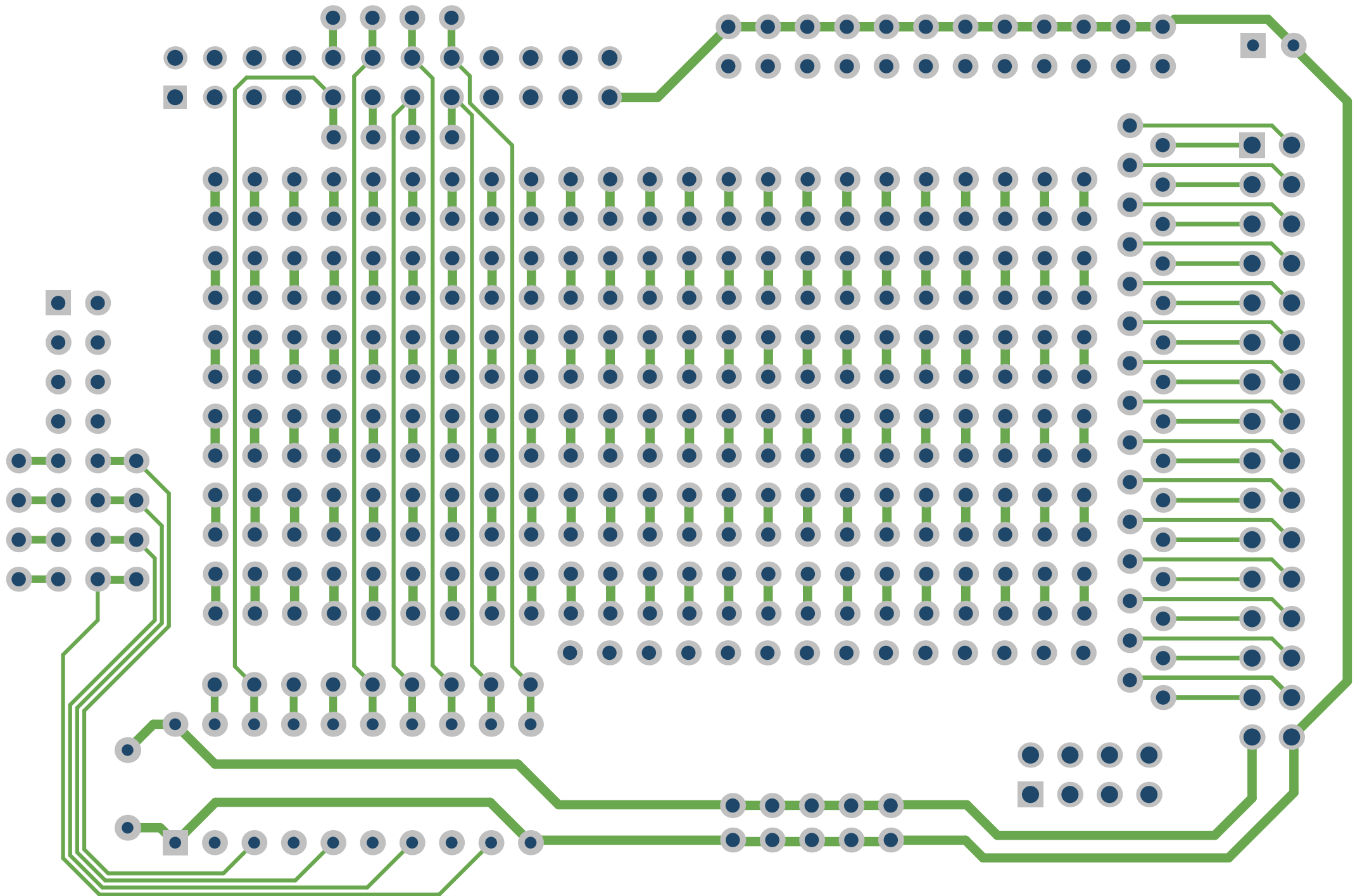
**Project:** myCPU Protoboard with 245 8b R

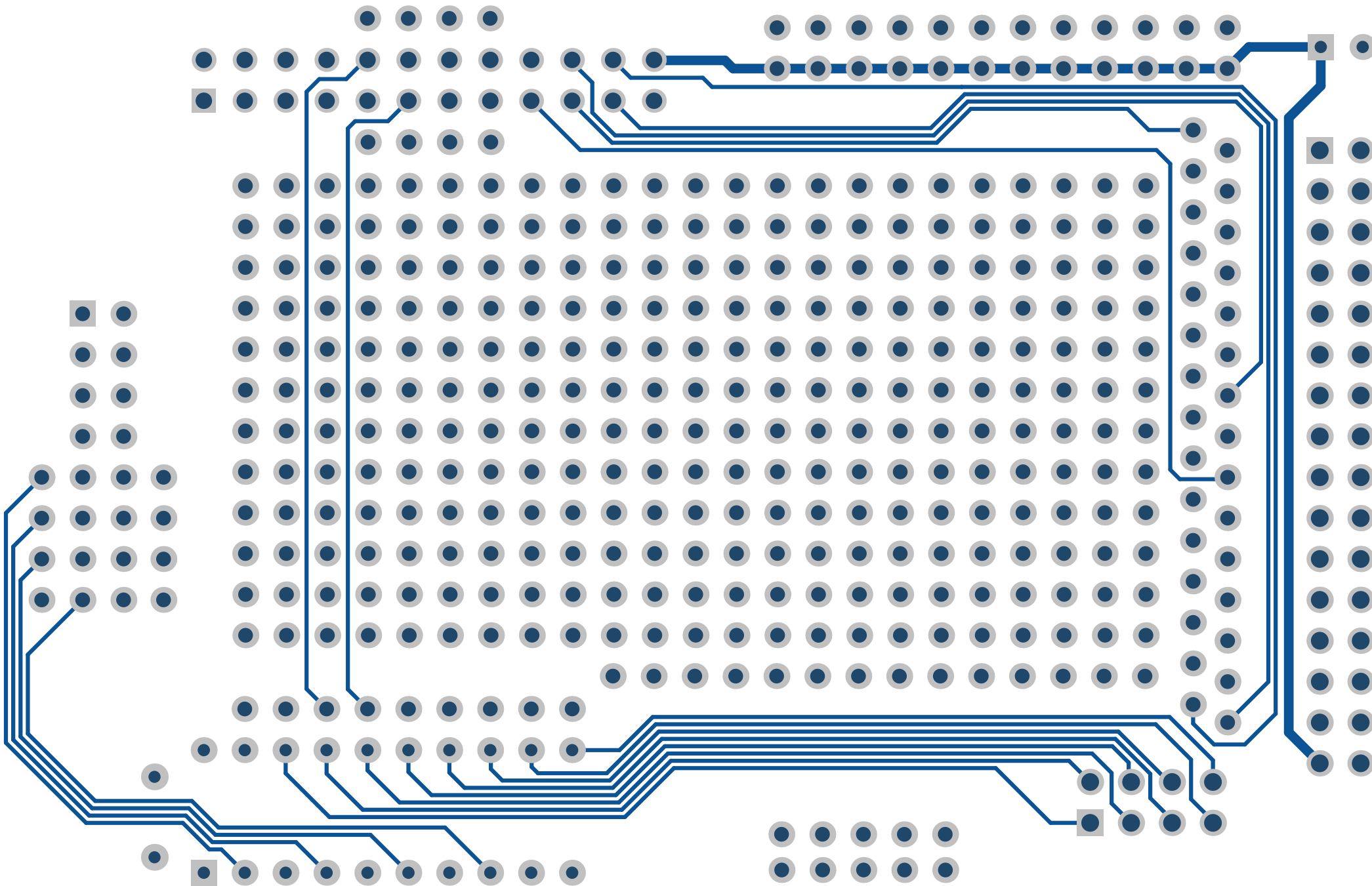
**Revision:** 6

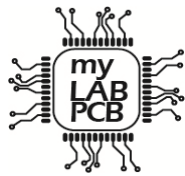
**Date:** 11/02/2022

**Author:** Rafa Hernández









# Bill of Materials

## myCPU Protoboard with 245 8b R

Description	Value	Q
Electrolytic capacitor 16v/50v	10 $\mu$ F	1
Ceramic capacitor	100nF	1
Non inverting bus transceiver	74xx245	1
Pin Header, THT, pitch 2.54mm, Dual Row, Vertical, 16p	16p	1
Pin Header, THT, pitch 2.54mm, Dual Row, Vertical, 32p	32p	1
Socket Header, THT, pitch 2.54mm, Dual Row, Vertical, 24p		1
Pin Header, THT, pitch 2.54mm, Dual Row, Vertical, 8p	8p	1



# Assembly List

## myCPU Protoboard with 245 8b R

Designator	Description	Value
C1	Electrolytic capacitor 16v/50v	10 $\mu$ F
C3	Ceramic capacitor	100nF
IC1	Non inverting bus transceiver	74xx245
P1	Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	16p
P2	Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	32p
P3	Socket Header, THT, pitch 2.54mm, Dual Row, Vertical	24p
P4	Pin Header, THT, pitch 2.54mm, Dual Row, Vertical	8p