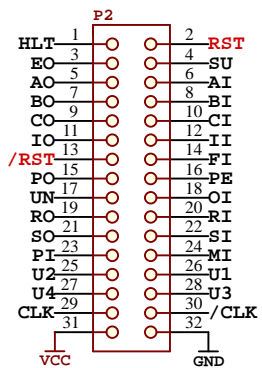
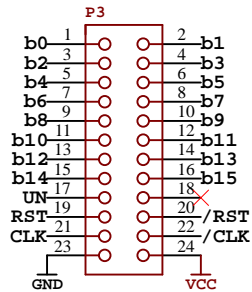


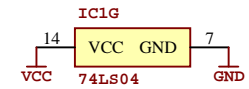
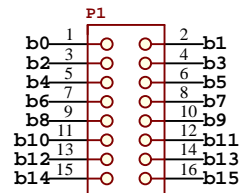
Control BUS Connector



OUTPUT Connector

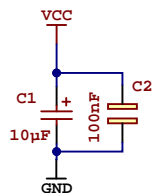
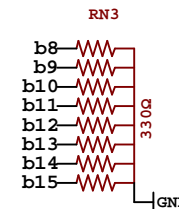
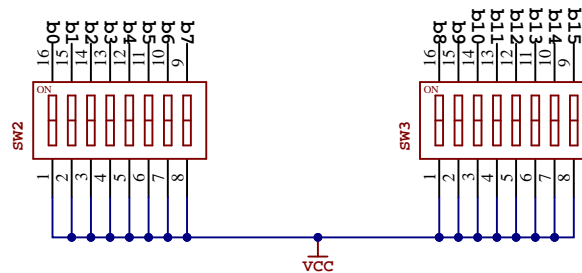
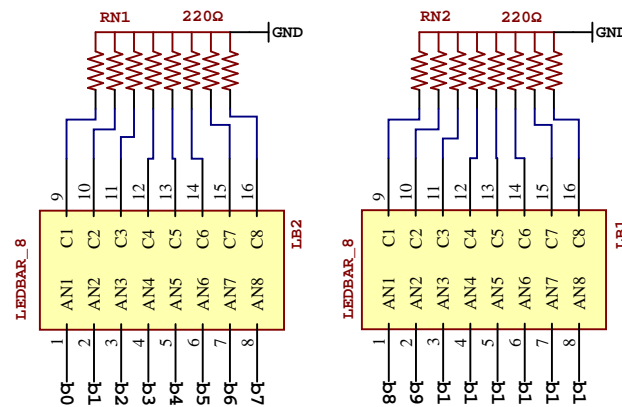
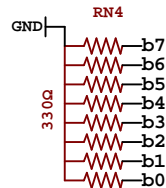
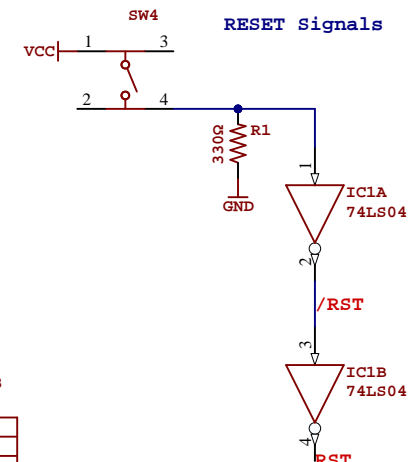


Data BUS Connector

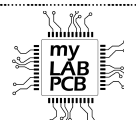


A During Off state /RST is High

RESET Signals



Decoupling Capacitors

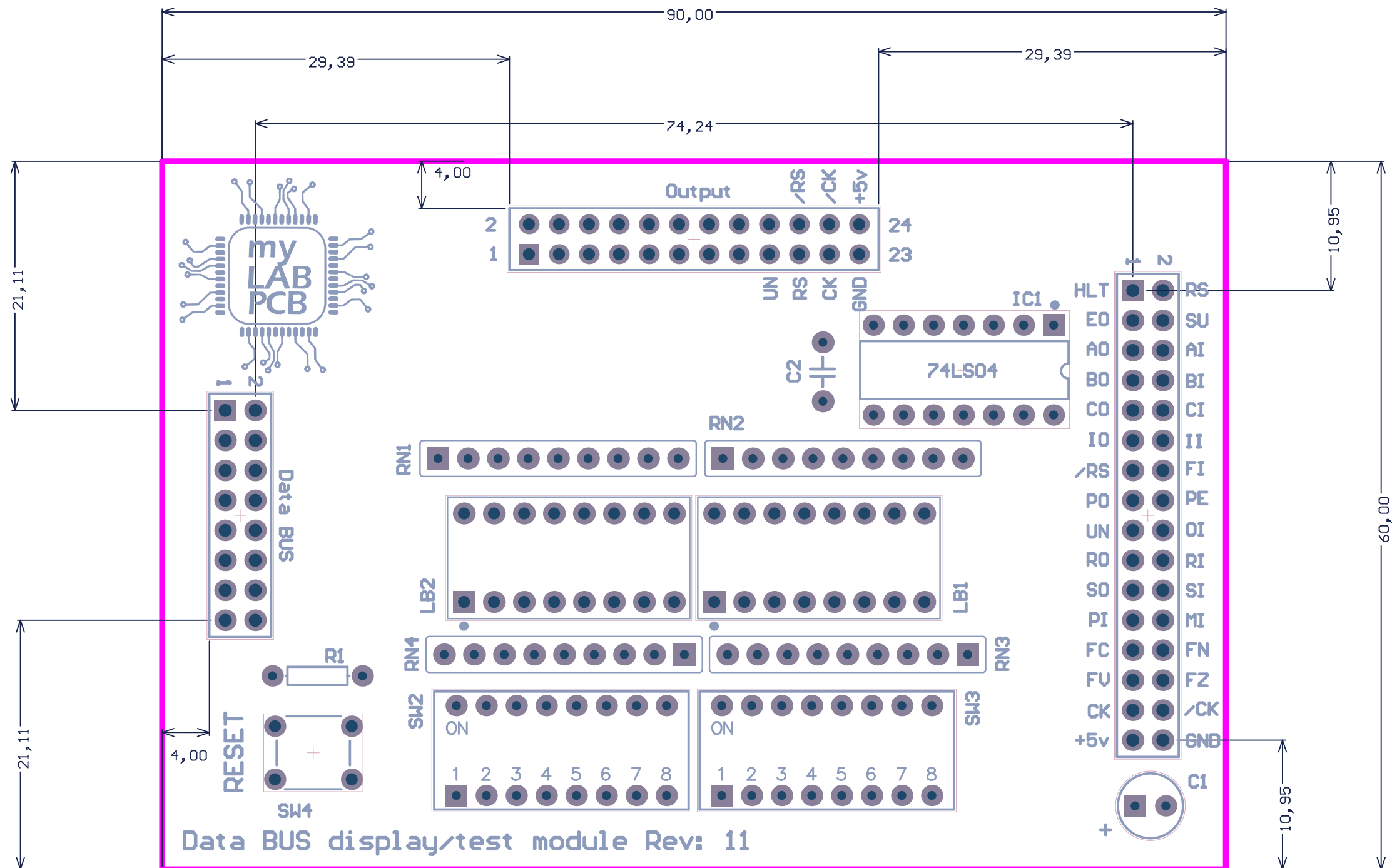


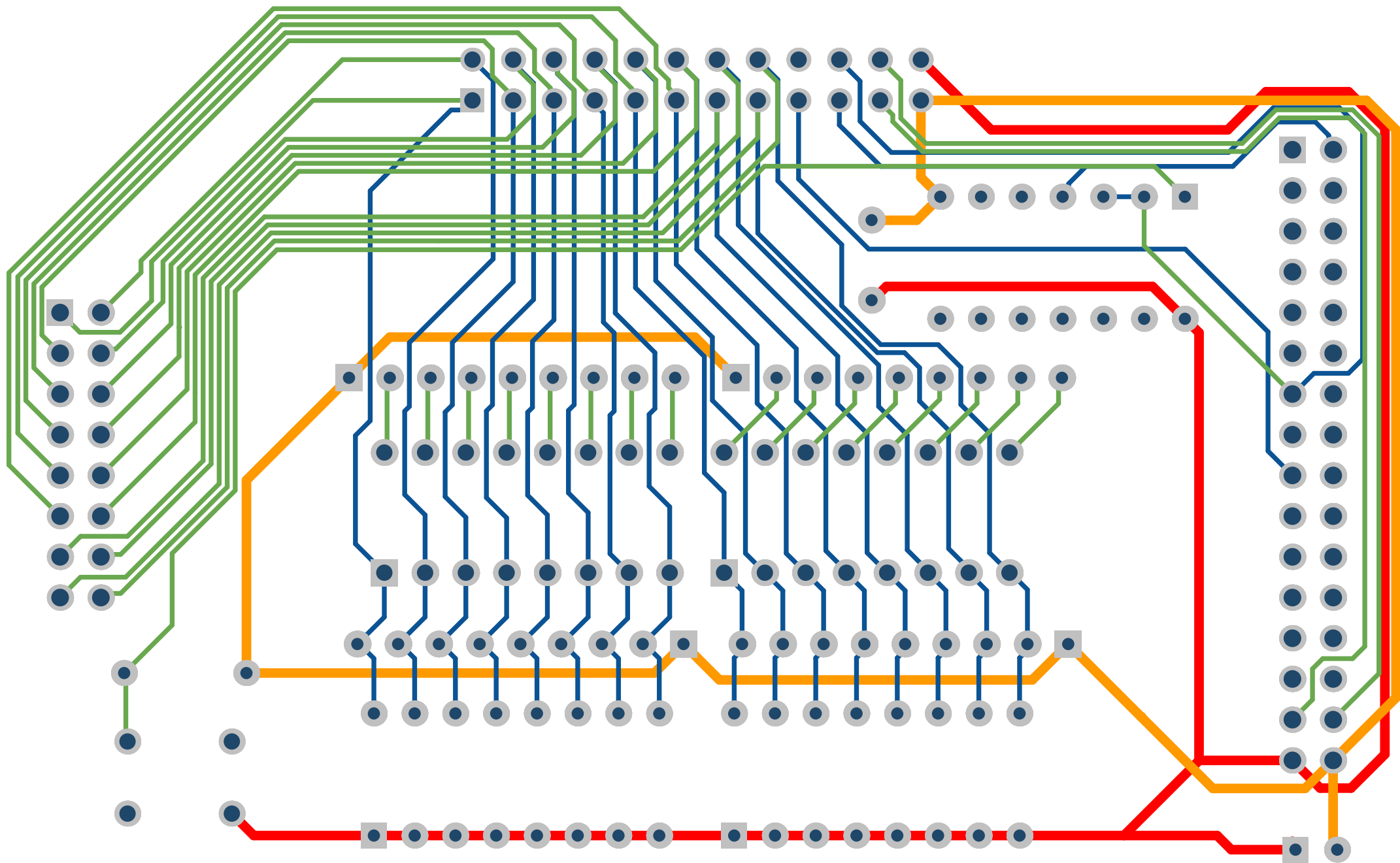
Project: myCPU BUS Manager

Revision: 11

Date: 14/04/2022

Author: Rafa Hernández







Bill of Materials

Designator	Description	Value	Q
C1	Electrolytic capacitor 16v/50v	10 μ F	1
C2	Ceramic or tantalum capacitor	100nF	1
IC1	Hex inverters	74LS04	1
LB1, LB2	Led Indicator Bar 8 segments, DIP 16		2
P1	Pin Header, pitch 2.54mm, Dual Row, Vertical	16p	1
P2	Pin Header, pitch 2.54mm, Dual Row, Vertical	32p	1
P3	Socket Header, pitch 2.54mm, Dual Row, Vertical	24p	1
R1	Resistor axial 1/4 W	330 Ω	1
RN1, RN2	Resistor array 8 elements,9 pins	220 Ω	2
RN3, RN4	Resistor array 8 elements,9 pins	330 Ω	2
SW2, SW3	DIP switch 8 positions		2
SW4	Tactile press button 6 mm		1



Assembly List

Desig.	Description	Value
C1	Electrolytic capacitor 16v/50v	10 μ F
C2	Ceramic or tantalum capacitor	100nF
IC1	Hex inverters	74LS04
LB1	Led Indicator Bar 8 segments, DIP 16	
LB2	Led Indicator Bar 8 segments, DIP 16	
P1	Pin Header, pitch 2.54mm, Dual Row, Vertical	16p
P2	Pin Header, pitch 2.54mm, Dual Row, Vertical	32p
P3	Socket Header, pitch 2.54mm, Dual Row, Vertical	24p
R1	Resistor axial 1/4 W	330 Ω
RN1	Resistor array 8 elements,9 pins	220 Ω
RN2	Resistor array 8 elements,9 pins	220 Ω
RN3	Resistor array 8 elements,9 pins	330 Ω
RN4	Resistor array 8 elements,9 pins	330 Ω
SW2	DIP switch 8 positions	
SW3	DIP switch 8 positions	
SW4	Tactile press button 6 mm	