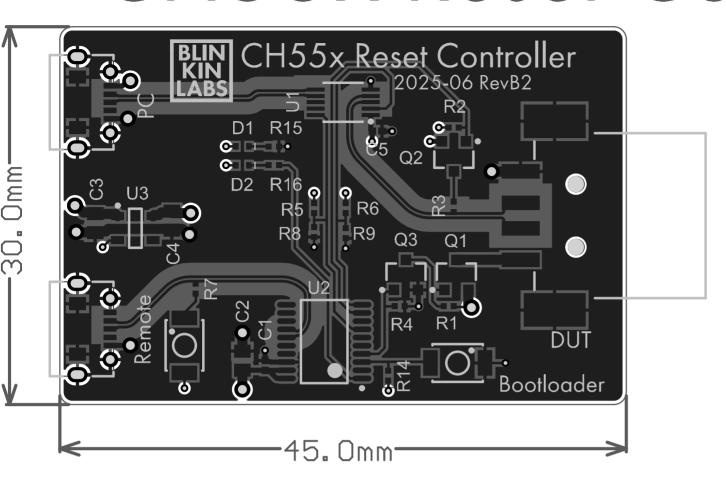


CH55x Reset Controller



Layer	Name	Material	Thickness	Constant
	Top Overlay			
	Top Solder	SM-001	O. 013mm	4
1	Top Layer	CF-004	0.035mm	
	Dielectric 2	PP-022	0.200mm	4.6
2	Layer 1	CF-004	0.015mm	
	Dielectric 3	Core-039	0.700mm	4.8
3	Layer 2	CF-004	0.015mm	
	Dielectric 4	PP-022	0.200mm	4.6
4	Bottom Layer	CF-004	0.035mm	
	Bottom Solder	SM-001	O. 013mm	4
	Bottom Overlay			

Total board thickness:

1.226mm

Silkscreen: white / don't care Soldermask: green / don't care

Surface finish: ENIG

Copper weight: 1oz outer, 0.5oz inner

Design Rules Verification ReportFilename : C:\Users\matt\reference\ch55x_programmer\pcb\PCB1.PcbDoc

Warnings 0 Rule Violations 55

Warnings Total 0

0
0
0
0
0
0
0
0
0
0
39
7
0
0
9
0
0
55

Minimum Solder Mask Sliver (Gap=0.254mm) (All),(All) Minimum Solder Mask Sliver Constraint: (0.017mm < 0.254mm) Between Pad C1-1(16.3mm,2.71mm) on Top Layer And Mandmum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad C4-1(8.9mm,15.35mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad C4-2(8.9mm,13.85mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.176mm < 0.254mm) Between Pad C4-2(8.9mm,13.85mm) on Top Layer And Mandmum Solder Mask Sliver Constraint: (0.017mm < 0.254mm) Between Pad C5-1(24.81mm,21.7mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad J1-D-(4mm,24.65mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad J1-D-(4mm,24.65mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad J1-D+(4mm,24mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad J1-GND(4mm,22.7mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.122mm < 0.254mm) Between Pad J1-GND(4mm,22.7mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.122mm < 0.254mm) Between Pad J1-S4(4mm,26.425mm) on Multi-Layer And Maymum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad J3-D-(4mm,6.65mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad J3-D-(4mm,6.65mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad J3-D+(4mm,6mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.047mm < 0.254mm) Between Pad J3-GND(4mm,4.7mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.122mm < 0.254mm) Between Pad J3-GND(4mm,4.7mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.122mm < 0.254mm) Between Pad J3-S4(4mm,8.425mm) on Multi-Layer And Maymum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R1-1(30.5mm,7.8mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R14-1(26.1mm,2.7mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R15-1(16.6mm,20.5mm) on Top Layer And ক্লিপmum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R16-1(16.6mm,19mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R2-1(31.7mm,22mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R3-1(31.3mm,15.3mm) on Top Layer And Mandmum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R4-1(27.4mm,7.8mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R5-1(20.2mm,15.2mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R6-1(22.7mm,15.2mm) on Top Layer And Mandmum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R7-1(10.8mm,9.6mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R8-1(20,2mm,13,3mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad R9-1(22.7mm,13.2mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.2mm < 0.254mm) Between Pad U1-1(24.7mm,23mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.2mm < 0.254mm) Between Pad U1-10(20.3mm,23mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.2mm < 0.254mm) Between Pad U1-2(24.7mm,23.5mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.2mm < 0.254mm) Between Pad U1-3(24.7mm,24mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.2mm < 0.254mm) Between Pad U1-4(24.7mm,24.5mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.2mm < 0.254mm) Between Pad U1-6(20.3mm,25mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.2mm < 0.254mm) Between Pad U1-7(20.3mm,24.5mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.2mm < 0.254mm) Between Pad U1-8(20.3mm,24mm) on Top Layer And Pad Minimum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad U3-1(4.6mm,14.95mm) on Top Layer And Maymum Solder Mask Sliver Constraint: (0.147mm < 0.254mm) Between Pad U3-2(4.6mm,14mm) on Top Layer And Pad

Silk To Solder Mask (Clearance=0.254mm) (IsPad),(All)

Silk To Solder Mask Clearance Constraint: (0.124mm < 0.254mm) Between Arc (24.7mm,22.476mm) on Top Overlay And BARTO Solder Mask Clearance Constraint: (0.25mm < 0.254mm) Between Arc (32.7mm,4.3mm) on Top Overlay And Pac Silk To Solder Mask Clearance Constraint: (0.25mm < 0.254mm) Between Arc (8.9mm,5.8mm) on Top Overlay And Pac Silk To Solder Mask Clearance Constraint: (0.225mm < 0.254mm) Between Pad D1-2(15.025mm,20.5mm) on Top Layer Silk To Solder Mask Clearance Constraint: (0.225mm < 0.254mm) Between Pad D2-2(15.025mm,19mm) on Top Layer Anc Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad J2-5(39.3mm,22.5mm) on Top Layer Anc Silk To Solder Mask Clearance Constraint: (0.175mm < 0.254mm) Between Pad J2-6(39.3mm,7.5mm) on Top Layer Anc

Board Clearance Constraint (Gap=0mm) (All)
Board Outline Clearance(Outline Edge): (Collision < 0.1mm) Between Board Edge And Track
Board Outline Clearance(Outline Edge): (Collision < 0.1mm) Between Board Edge And Track
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Board Outline Clearance(Outline Edge): (Collision < 0.1mm) Between Board Edge And Track

Electrical Rules Check Report

Class	Document	Message
		Successful Compile for ch55x_programmer.PrjPcb

