

Title		
Size	Number	Revision
A4		
Date:	4/02/2023	Sheet of
File:	E:\Xenon Labs\...\CW-Oscillator.SchDoc	Drawn By:

Electrical Rules Check Report

Class	Document	Message
Warning	CW-Oscillator.SchDoc	Net NetC5_1 has no driving source (Pin C5-1, Pin U1-2, Pin U1-6, Pin VR2-3)

## Design Rules Verification Report

Filename : E:\Xenon Labs\CW Oscillator\PCB.PcbDoc

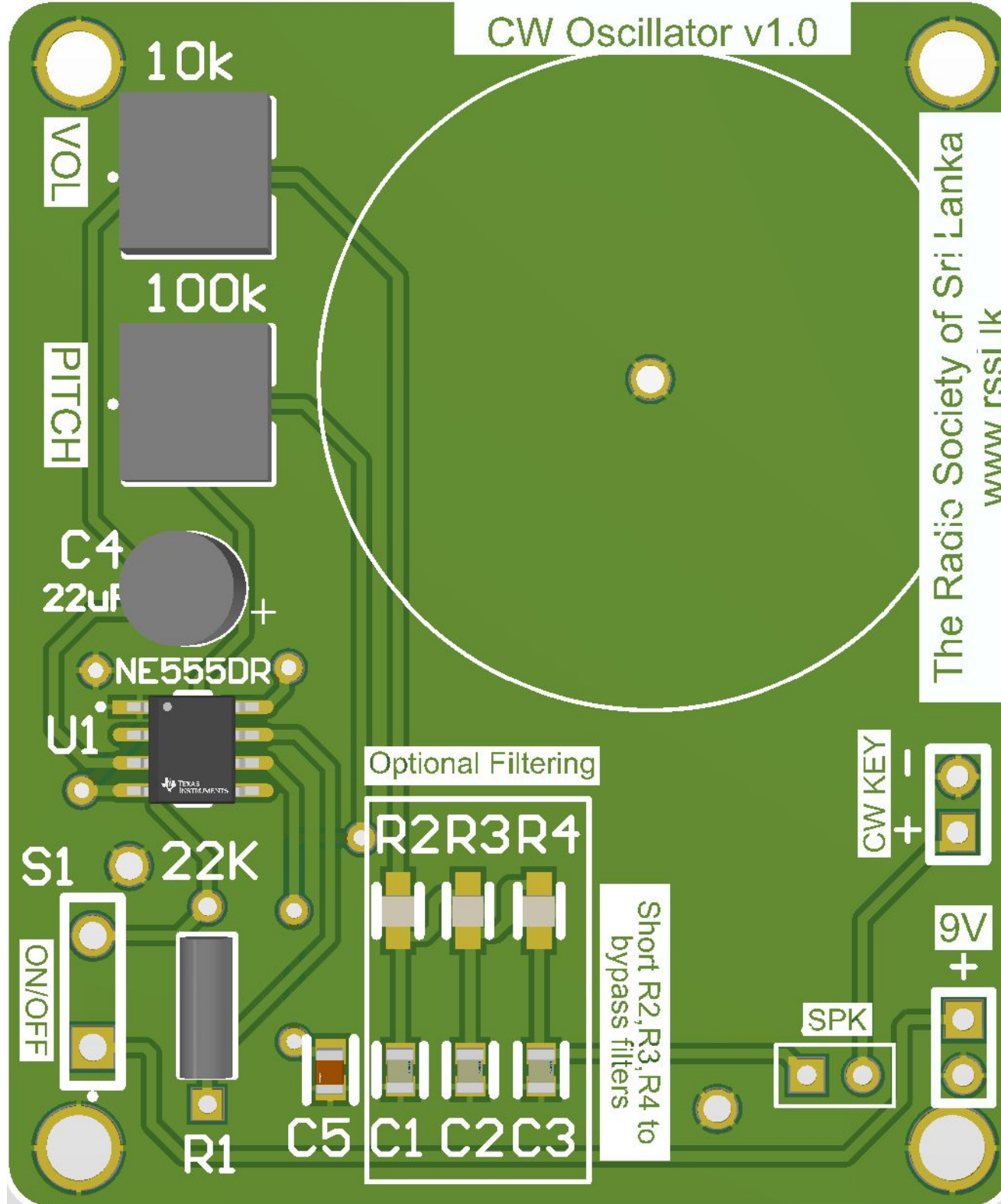
Warnings 0  
Rule Violations 4

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=10mil) (All),(All)	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint ( (All) )	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	0
Width Constraint (Min=10mil) (Max=20mil) (Preferred=18mil) (All)	0
Power Plane Connect Rule(Relief Connect )(Expansion=20mil) (Conductor Width=10mil) (Air	0
Hole Size Constraint (Min=1mil) (Max=100mil) (All)	4
Hole To Hole Clearance (Gap=10mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=10mil) (Disabled)(All),(All)	0
Silk To Solder Mask (Clearance=2mil) (Disabled)(IsPad),(All)	0
Silk to Silk (Clearance=1mil) (Disabled)(All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Room CW-Oscillator (Bounding Region = (3260mil, 1005mil, 5060mil, 3160mil)	0
Height Constraint (Min=0mil) (Max=1000mil) (Preferred=500mil) (All)	0
Total	4

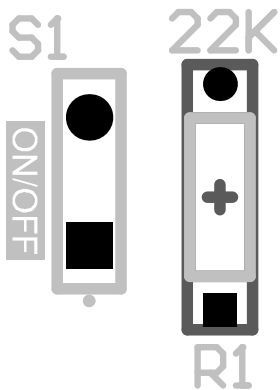
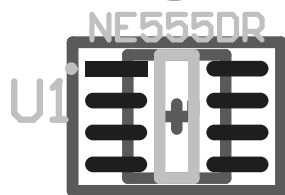
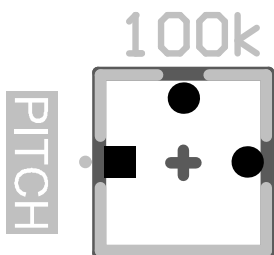
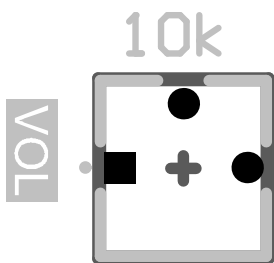
Hole Size Constraint (Min=1mil) (Max=100mil) (All)	
Hole Size Constraint: (118.11mil > 100mil) Pad Free-96(3390mil,1110mil) on Multi-Layer Actual Hole Size = 118.11m	
Hole Size Constraint: (118.11mil > 100mil) Pad Free-96(3390mil,3050mil) on Multi-Layer Actual Hole Size = 118.11mi	
Hole Size Constraint: (118.11mil > 100mil) Pad Free-96(4950mil,1110mil) on Multi-Layer Actual Hole Size = 118.11m	
Hole Size Constraint: (118.11mil > 100mil) Pad Free-96(4950mil,3050mil) on Multi-Layer Actual Hole Size = 118.11mi	

# CW Oscillator v1.0

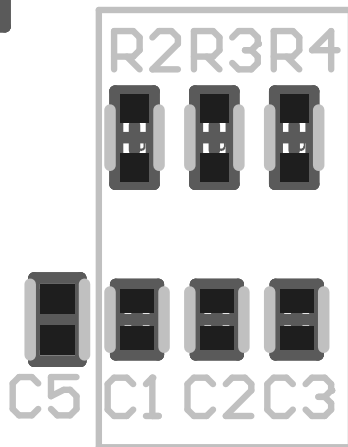


# CW Oscillator v1.0

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## Optional Filtering



Short R2,R3,R4 to  
bypass filters



