

Bill of Materials

Bill of Materials for BOM Document [VaractorTline144Mhz.BomDoc]

Source Data From: VaractorTline144Mhz.BomDoc

Project: VaractorTline144Mhz.PrjPcb

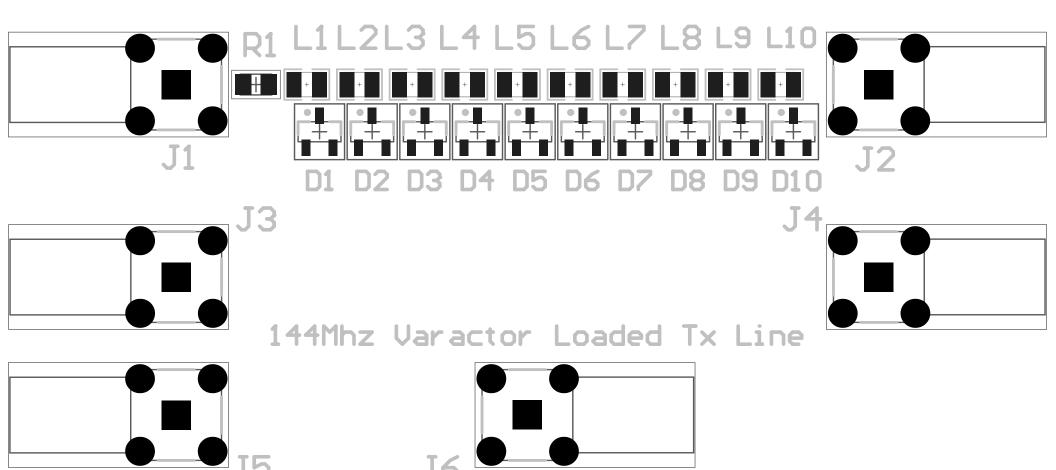
Variant: None

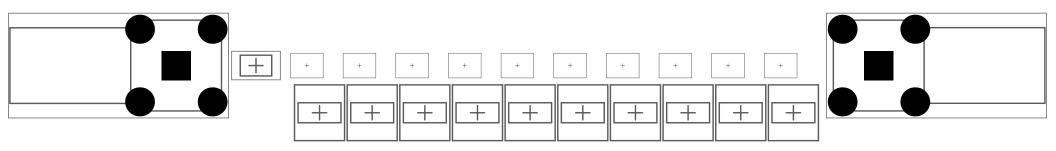
Creation Date: 3/21/2020 1:22 PM

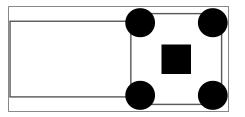
Print Date: 43911 43911.5577

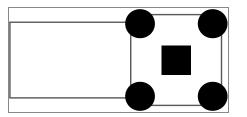
Footprint	Name	LibRef	Designator	Description	Quantity
SOT23_N	Diode BBY40	Diode BBY40	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10	SOT23 Silicon Planar Variable	10
				Capacitance Diode	
MOLX-	731000114	CMP-2000-	J1, J2, J3, J4, J5, J6	SMA Right-Angle PCB Jack Receptacle,	6
731000114_V		05487-1		Brass Body, Gold Plated, 50 Ohm, 5-Pin	
				THD, RoHS, Tray	
0805HQ	0805HP-	0805HP-	L1, L2, L3, L4, L5, L6, L7, L8, L9, L10	0805HP-56NXJRC Coilcraft Variable	10
SERIES	56NXJRC	56NXJRC		Inductor	
RESC2013X7	Jumper	CMP-1665-	R1	Chip Resistor, 0 Ohm, +/- 1%, 0.125 W, -	1
0X40NL20T20		00002-5		55 to 155 degC, 0805 (2012 Metric), RoHS,	
				Tape and Reel	
	.	.	-	•	27

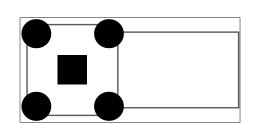
Approved Notes

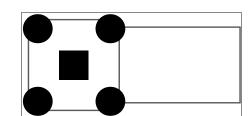












Design Rules Verification ReportFilename: C:\Users\Public\Documents\Altium\Projects\Varactor_TxCap_new\RedesignVarac

Warnings 0 Rule Violations 0

Warnings	
Total	0

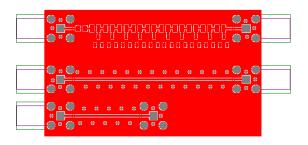
Rule Violations	
Clearance Constraint (Gap=6mil) (All),(All)	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint ((All))	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	0
Width Constraint (Min=50.00ohms) (Max=50.00ohms) (Preferred=50.00ohms) (All	0
Power Plane Connect Rule(Direct Connect)(Expansion=16mil) (Conductor Width=6mil) (Air Gap=6mil) (Entries=4) (All	0
Minimum Annular Ring (Minimum=7mil) (All)	0
Hole Size Constraint (Min=13mil) (Max=265mil) (All)	0
Hole To Hole Clearance (Gap=10mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=0mil) (All),(All)	0
Silk To Solder Mask (Clearance=4mil) (IsPad),(All)	0
Silk to Silk (Clearance=0mil) (All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Board Clearance Constraint (Gap=0mil) (All)	0
Room RedisignVaractorTline144Mhz (Bounding Region = (2475mil, 0mil, 4475mil, 1000mil)	0
Height Constraint (Min=0mil) (Max=1000mil) (Prefered=500mil) (All)	0
Total	0

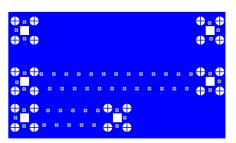
Page 1 of 1 Saturday 21 Mar 2020 1:23:12 PN

Electrical Rules Check Report

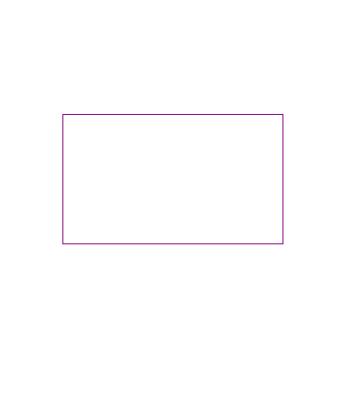
Class	Document	Message
		Successful Compile for VaractorTline144Mhz.PrjPcb

Saturday 21 Mar 2020 1:23:13 PN Page 1 of 1





144Mhz Varactor Loaded Tx Line



#