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<i>l_match</i> (25· _ohm,50· _ohm,450· _MHz)	
	Low Pass LC L-Match
	Cp    50.·_Ω
	Ls in series with $25.\cdot \_\Omega$
	Q=1.
	$BW=450.\cdot\_MHz$
	Cp=7.07355·_pF or 7.07355 <b>e</b> -12·_F
	Ls=8.84194·_nH or 8.84194E-9·_henry
	Done

*pi\_match*(25 · \_ *ohm*,50 · \_ *ohm*,450 · \_ *MHz*,10 · \_ MHz) Low Pass LC π–Match  $Cin \parallel 25.\cdot \_\Omega$ Cout  $\parallel 50.\cdot \_\Omega$ Ls in series between Cin & Cout Qt=45.  $Ri = 0.002118 \cdot _{\Omega}$ Qin = 108.632Qout= 153.632  $Ls=0.033714 \cdot _nH \text{ or } 3.3714 \text{E-}11 \cdot _henry$  $Cin = 1536.82 \cdot _pF \text{ or } 1.53682 \text{ E} - 9 \cdot _F$ Cout= $1086.72 \cdot _pF$  or  $1.08672 = -9 \cdot _F$ Done

Lou Cs i Qt= Ri= Qin Qou Cs= Lin=	Pass LC T–Match
Cs i  Qt=  Ri=  Qin  Qou  Cs=  Lin=	∥25.·_Ω
Qt= Ri= Qin Qou Cs= Lin=	t    50.·_Ω
Ri= Qin Qou Cs= Lin=	n series bteween Lin & Lout
Qin Qou Cs= Lin=	45.
Qou Cs= Lin=	590093 <b>.</b> ⋅_Ω
Cs= Lin=	= 153.632
Lin=	t = 108.632
	0.026971·_pF or 2.69712 <b>E</b> -14·_F
Lou	= 1358.4·_nH or 0.000001·_henry
	$t = 1921.03 \cdot _nH \text{ or } 0.000002 \cdot _henr$
	Doi

 $tap\_cap\_match(25 \cdot \_ohm,50 \cdot \_ohm,450 \cdot \_MHz,10 \cdot \_MHz)$  Tapped Cap LC Match  $Lin \parallel 50. \cdot \_\Omega$  Cs in series between Lin & Cout  $Cout \parallel 25. \cdot \_\Omega$  Qt=45.  $Lin=0.392975 \cdot \_nH \text{ or } 3.92975e^-10 \cdot \_henry$  Qout=31.8119  $Cout=450.047 \cdot \_pF \text{ or } 4.50047e^-10 \cdot \_F$   $Cs=1086.67 \cdot \_pF \text{ or } 1.08667e^-9 \cdot \_F$  Done

 $tap\_ind\_match(25 \cdot \_ohm, 50 \cdot \_ohm, 450 \cdot \_MHz, 10 \cdot \_MHz)$ Tapped Ind LC Match Cin  $\parallel 50.\cdot \_\Omega$ Ls in series between Cin & Lout Lout  $\parallel 25.\cdot \_\Omega$ Qt=45.  $Cin=318.31 \cdot _pF \text{ or } 3.1831 \text{ E} - 10 \cdot _F$ Qout = 31.8119Lout=0.277944·\_nH or 2.77944E-10·\_henry Ls= $0.115112 \cdot _{nH}$  or  $1.15112 \cdot _{henry}$ Done