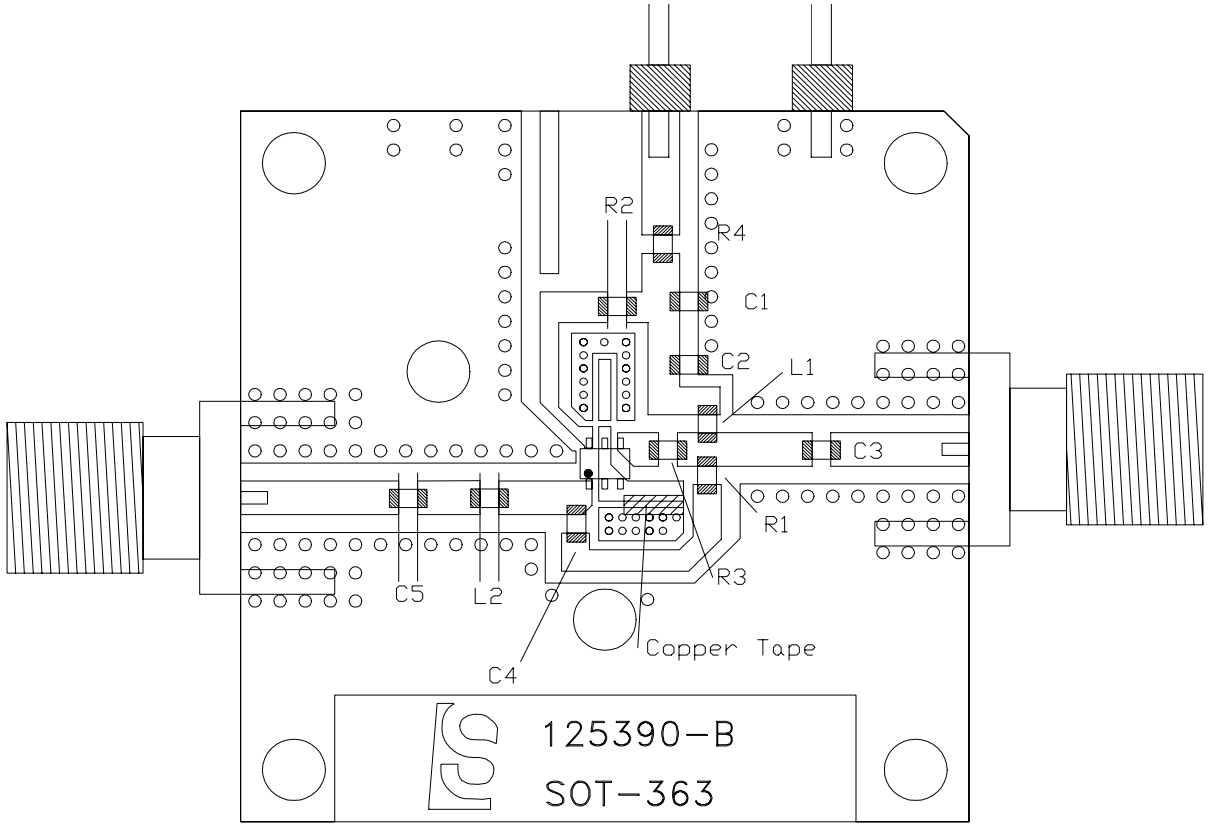
! IP3 Data: V4.7v 8/31/04002F4C50;

# Device	Freq1 (GH	Offset (MH	Bias2 (V)	Bias2 (mA)	Pin/tone (d	Pout/tone (	Gain (dB)	IP3 (dBm)	IM3L (dBc)	IM3H (dBc)
SGL-0363	0.13	1	4.927	8.472	-37.707	-14.985	22.721	22.155	78.114	74.309
SGL-0363	0.15	1	5.024	8.458	-37.994	-14.994	23.001	21.866	74.525	73.731
SGL-0363	0.17	1	5.024	8.457	-38.004	-14.996	23.008	21.737	73.799	73.473

! P1dB Dat V4.7v 8/31/04002F4C50;

# Device	Freq (GHz	Bias2 (V)	Bias2 (mA)	DC Res2 ((	Pin@P1dB	P1dB (dBm	G1dB (dB)	PAE (%)	Output Eff (%)
SGL-0363	0.13	5.024	8.616	0	-17.276	4.294	21.57	6.166	6.209
SGL-0363	0.15	5.024	8.55	0	-18.601	3.602	22.202	5.303	5.335
SGL-0363	0.17	5.024	8.564	0	-17.609	4.285	21.895	6.194	6.234



Bill of Materials

C1	0603 Rohm 0.1uF
C2	MCH185C122KK Rohm 1200pF
C3	MCH185A120JK Rohm 15pF
C4	MCH185C122KK Rohm 1200pF
C5	MCH185A102KK Rohm 0.01uF
L1	LL1608-FS82NJ Toko 82nH
L1	LL1608-FS12NJ Toko 18nH
R1	2KΩ 0603 res (5%)
R2	51Ω 0603 res (5%)
R3	1.5Ω 0603 res (5%)
R4	75Ω 0603 res (5%)
Connectors	2x PSF-S01-1mm GigaLane Co.
Heat sink	EEF-102059
PCB	125390-B