

FIG 41

Vref	0
I4	0.01222
R4	3908.183513

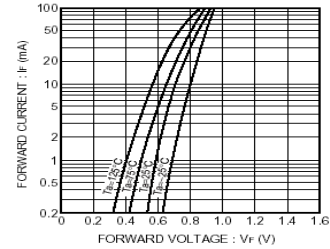
Input
Result
Data sheet (approx)

Protected pairs N	1	Pmax(W)	
Vcc	50.00 V		
Re	0.22 Ω		
R1	9100 Ω	1.086	
R2	75 Ω	0.005	
R3*	82 Ω	0.033	
R4	3900 Ω	0.582	
Vref	0 V		
VceQ2	0.6 V		
Ib1	0.01222 A		
Vd1	0.7 V		

0.0122

*For N protected pairs of o/p devices, R3 actual = R3*xN

Vce	Ic	Vout	
0.00	10.1964	47.7568	181
49.19	3.6762	0.00	
99.64	1.6378	-50.00	
49.19	3.68	0	181



R5	10000 Ω
C1	3.3 μF

Loss	Freq (Hz)	Period (ms)
-0.25dB	1.21	829.38
-1dB	2.41	414.69
-3dB	4.82	207.35
-7.5dB	9.65	103.67
-12.5dB	19.29	51.84
-18dB	38.58	25.92

FIG 1
(R4=nc, Vref=0)

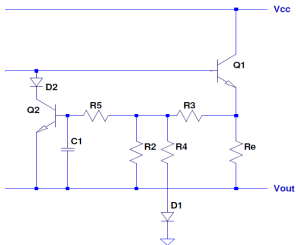
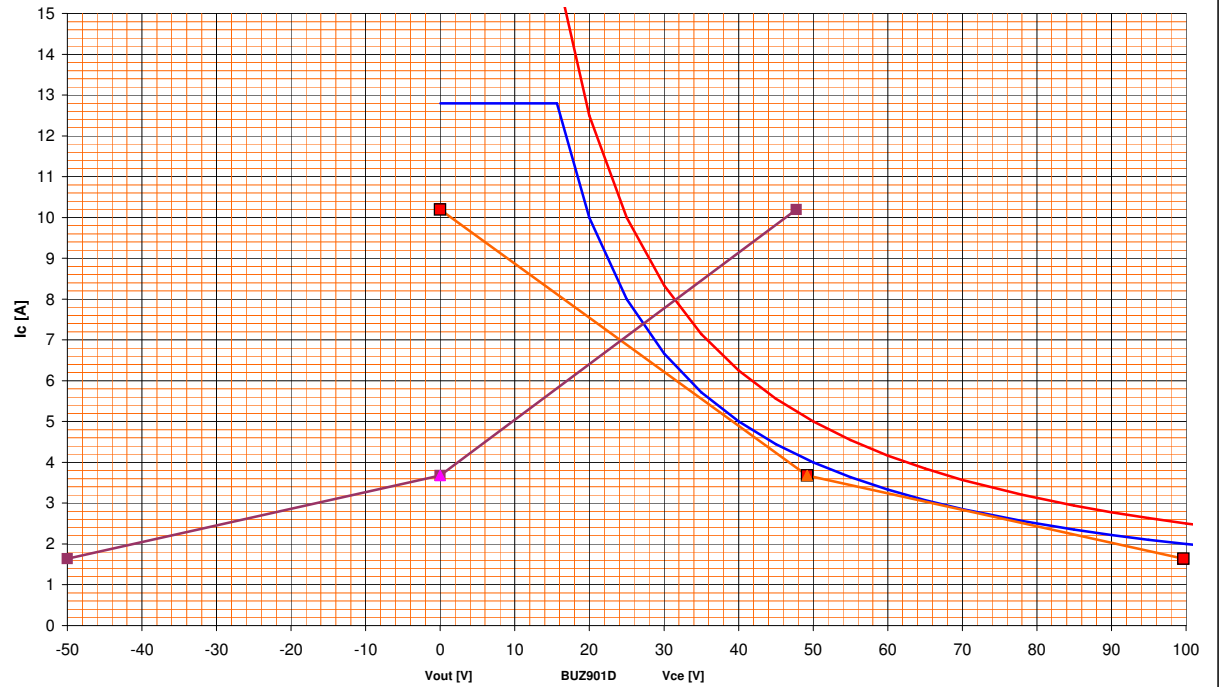


FIG 19
(R1=nc, Vref=0)

1.076618 Check Eqn1 To check=0.6,make R4 nc (eg 10^10) ie as Fig 1.
0.598077 Check Eqn2



Power Limit_Tc25 DC Ic @ Tc50 Fig41 Dual Slope Protect Vout Vce@Vo=0 Ic@Vo=0