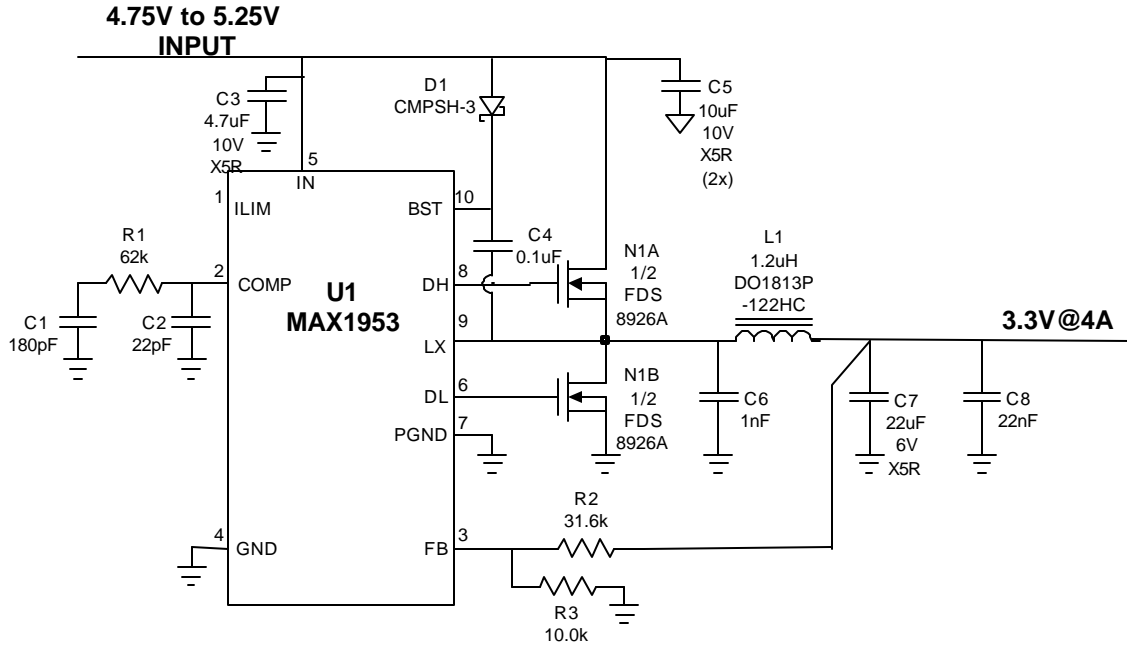


Base station



1953_3b3
 RWY
 4/17/02

MAXIM CONFIDENTIAL

Vin	Iin	Vout	Iout	Efficiency
5.0002	0.044	3.3082	0	
4.4955	3.212	3.3023	4.00026	0.915
4.7476	3.041	3.2899	4.0027	0.912
5.0081	2.882	3.2813	4.0027	0.910
5.2502	2.752	3.2780	4.0027	0.908
5.501	2.630	3.2761	4.0027	0.906
		90mVpp		

BILL OF MATERIALS
4.75V to 5.25V Input
3.3V @ 4A Output
4/17/02

1953_3b3

DESIGNATION	QTY	DESCRIPTION
C1	1	180pF ceramic capacitor (0603)
C2	1	22pF ceramic capacitor (0603)
C3	1	4.7uF 10V ceramic capacitor (1206) Taiyo Yuden LMK316BJ475ML
C4	1	0.1uF ceramic capacitor (0603)
C5	2	10uF 10V ceramic capacitor (1210) Taiyo Yuden LMK325BJ106MN
C6	1	1nF ceramic capacitor (0603)
C7	1	22uF 6V ceramic capacitor (1210) Taiyo Yuden JMK325BJ226MM
C8	1	22nF ceramic capacitor (0603)
D1	1	100mA 30V Schottky diode Central Semi CMPSH-3
L1	1	1.2uH 5A Inductor Coilcraft DO1813P-122HC
N1	1	38m Ohm 30V Dual MOSFET (SO-8) Fairchild FDS8926A
R1	1	62k Ohm 5% resistor (0603)
R2	1	31.6k Ohm 1% resistor (0603)
R3	1	10.0k Ohm 1% resistor (0603)
U1	1	MAX1953EUB (10-uMAX)