## Sheet1

Nfet	Pfet	V	Α	W
W/L	W/L	Vth	Id	P@1Hz
1 14/07	14/7	345m	226u	1.18f
2 7/7	8/7	354m	120u	622f
3 4/7	6/7	373m	76.8u	404a
4 1/7	2/7	392m	21.4u	114a
5 20/7	20/7	345m	323u	1.66f
Vconst (c	n 25°C dVconst/dT	Vref @ 25°	C dVref/dT	tstart
_		_		S
0.7	0.249 13.9u	-		57.4p
0.75	0.26 -7.4u	0.6	29 0.97m	62.3p
8.0	0.271 -17.7u	0.6	89 0.873m	77.9p
0.9	0.292 -42u	0.8	06 0.639m	972p
1	0.311 -56u	0.9	17 0.445m	976p
1.1	0.328 -61u	1.	03 0.304m	978p
	W/L 1 14/07 2 7/7 3 4/7 4 1/7 5 20/7  Vconst @ V 0.7 0.75 0.8 0.9 1	W/L W/L 1 14/07 14/7 2 7/7 8/7 3 4/7 6/7 4 1/7 2/7 5 20/7 20/7  Vconst @ 25°C dVconst/dT V V/K 0.7 0.249 13.9u 0.75 0.26 -7.4u 0.8 0.271 -17.7u 0.9 0.292 -42u 1 0.311 -56u	W/L W/L Vth 1 14/07 14/7 345m 2 7/7 8/7 354m 3 4/7 6/7 373m 4 1/7 2/7 392m 5 20/7 20/7 345m  Vconst @ 25°C dVconst/dT Vref @ 25°C V V/K V  0.7 0.249 13.9u 0.5 0.75 0.26 -7.4u 0.6 0.8 0.271 -17.7u 0.6 0.9 0.292 -42u 0.80 1 0.311 -56u 0.9	W/L         W/L         Vth         Id           1 14/07         14/7         345m         226u           2 7/7         8/7         354m         120u           3 4/7         6/7         373m         76.8u           4 1/7         2/7         392m         21.4u           5 20/7         20/7         345m         323u           Vconst @ 25°C dVconst/dT Vref @ 25°C dVref/dT V/K           0.7         0.249 13.9u         0.569 1.1m           0.75         0.26 -7.4u         0.629 0.97m           0.8         0.271 -17.7u         0.689 0.873m           0.9         0.292 -42u         0.806 0.639m           1         0.311 -56u         0.917 0.445m

Sheet1

	Hz	A/V	V
Av	fmax	gm	NM
0.6	6.43 157G	1.16m	168m
0.74	6.43 158G	596u	180m
1.06	6.47 170G	359u	151m
1.47	6.55 160G	93.9u	124m
0.6	6.43 157G	1.6m	168m
	0.6 0.74 1.06 1.47	Av fmax 0.6 6.43 157G 0.74 6.43 158G 1.06 6.47 170G 1.47 6.55 160G	Av fmax gm 0.6 6.43 157G 1.16m 0.74 6.43 158G 596u 1.06 6.47 170G 359u 1.47 6.55 160G 93.9u

dVconst/dVDD

V/V

0.22 0.22 0.21 0.19

0.17