

Sheet1

with offset:

No	Nfet W/L	Pfet W/L	V Vth	A Id	W 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

Bandgap (circuit modified)	V	V/K
Vconst @ 25°C	249m	dVconst/dT 13.9u
Vref @ 25°C	569m	dVref/dT 1.1m

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ps tpd	Av	Hz fmax	A/V gm	V 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