

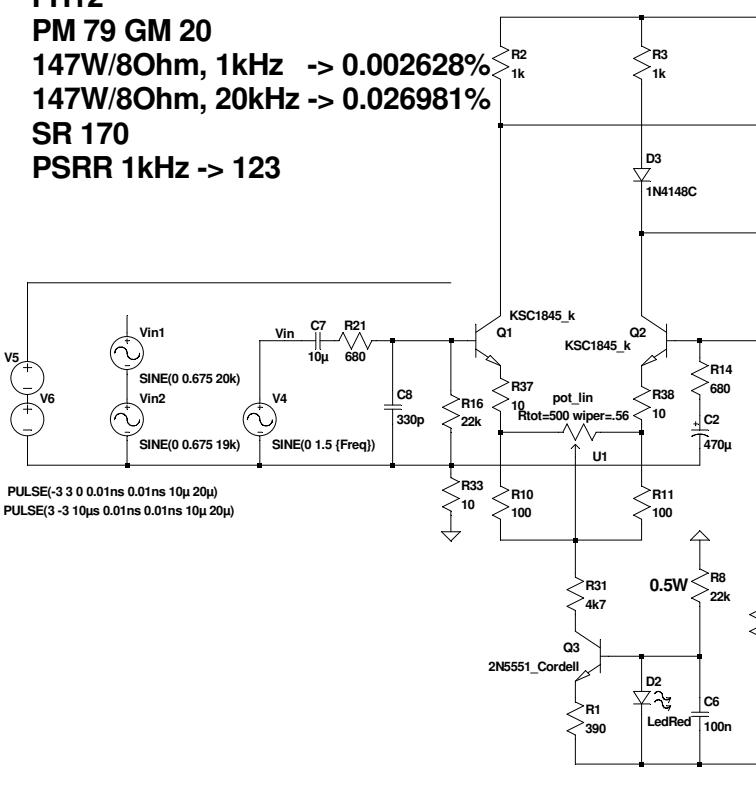
FH12

PM 79 GM 20

147W/8Ohm.

147W/80

SR 170



**Q5 and Q6 on small heatsink.
Q8, Q9, Q10, M1, M2, M3. and M4 on main heatsink
Bias current >=60mA.**

AC {u-prb} R32 :step param prb list -1 1
 .param prb=0
 $-1/(1-1/(2^l(V_1)*1^V(X_2)-2^V(X_3)*1^V(Y_1)*2^V(Y_2)+V(X_4)*1^V(Y_1)*2^V(Y_2))$

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.ac dec 1k 1 1g
.options plotwinsize=0
.options method=gear
.options numdgt=7
.param Freq=100K
.param FFT 8192
.param PS 10
.param PC 40
.param TStart (PS)/Freq
.param TEnd (PS-PC)/Freq
.param TSlep 1/(FFT*Freq)
;tran [TStep] {TEnd} [TStart] [TStep]
;tran (FREQ) V(Vin) V(Vout)
;tran (FREQ) 4(Vin) V(Vout)
.option numdgt=15
.option rettol=1e-6
.option ptransau=0

.INCLUDE potentiometer_standard.lib

;noise V(Vout) Vin oct 100 1 100meg
;op

```

--- E:\LTSpice\FH12 mod.asc ---