

$$I_A = \frac{15 - V_r}{R_X}$$

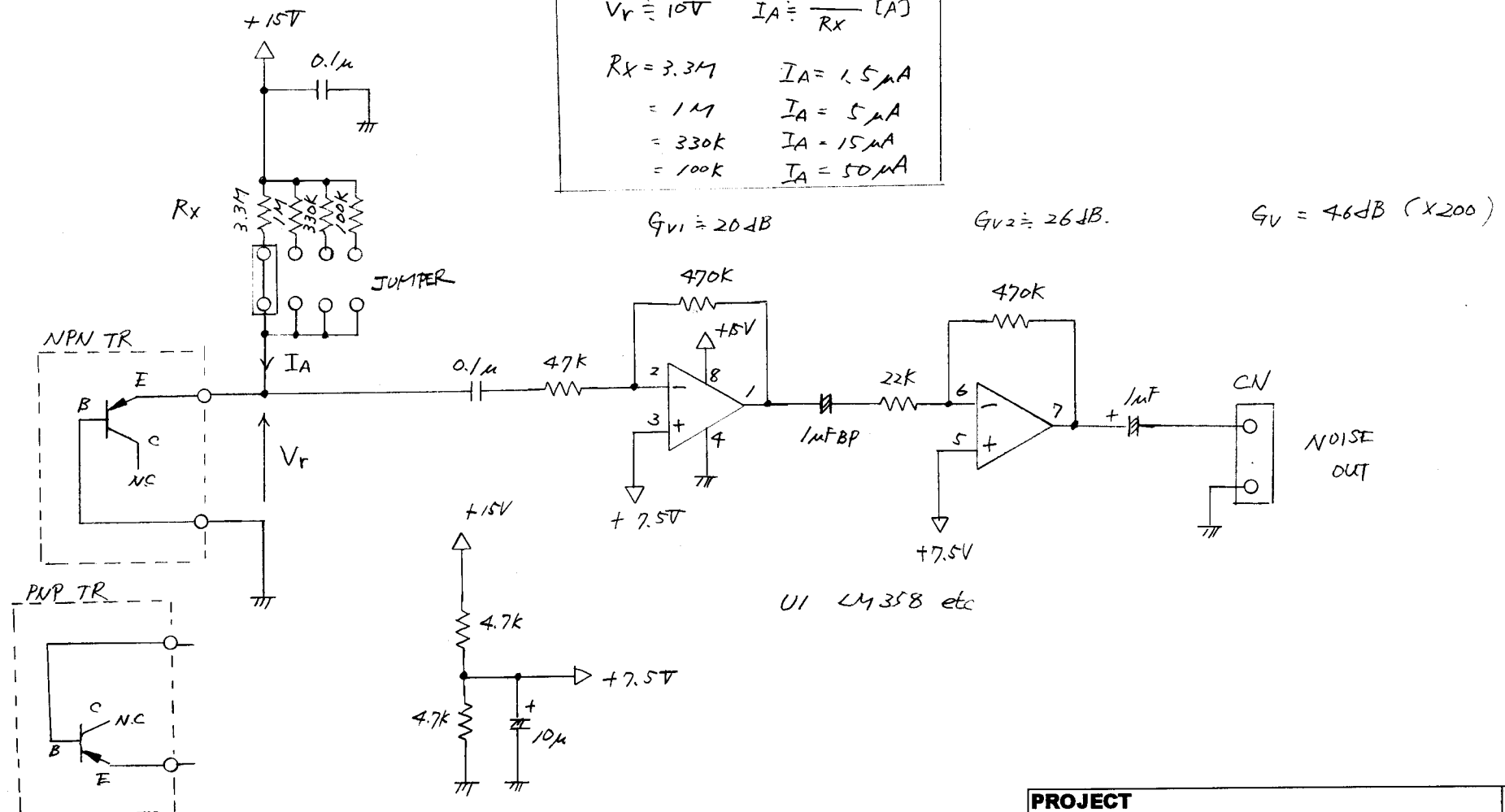
$$V_r \approx 10V \quad I_A \approx \frac{5V}{R_X} [A]$$

$R_X = 3.3M$	$I_A = 1.5 \mu A$
$= 1M$	$I_A = 5 \mu A$
$= 330k$	$I_A = 15 \mu A$
$= 100k$	$I_A = 50 \mu A$

$G_{V1} \approx 20dB$

$G_{V2} \approx 26dB$

$G_V = 46dB (x200)$



PROJECT		DWN
TITLE NOISE TR TESTER		REV A
DATE Oct. 9. 2005	Radio Junk Box	