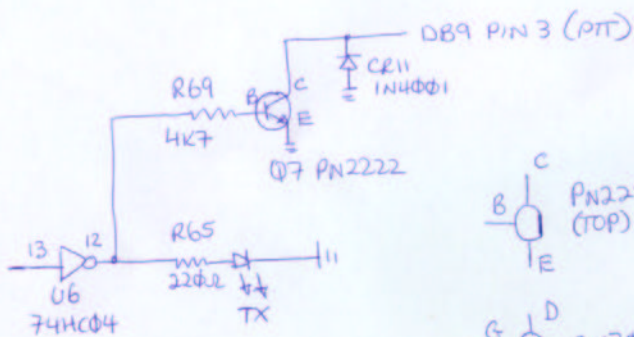
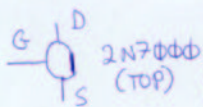
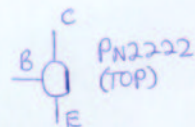




KPC-2400 EXISTING



V_{DS} 40V MAX
 I_{DS} 200mA MAX

PTT CURRENT

20mA

100mA

200mA

Q7 VOLTS TO GND
(ACROSS CR11)

PN2222

2N7000

100mV 70mV

596mV 242mV

684mV 478mV

NOTES:

KAM, KPC4 & KPC2400 ALL USE PN2222 AS PTT SWITCH, BUT KAM & KPC4 DRIVE IT FROM LM339 OP-AMP, KPC-2400 DRIVES FROM CMOS LOGIC.

CHANGING FROM PN2222 TO 2N7000 REDUCES PTT SWITCH RESISTANCE. 2N7000 ALSO USED IN KPC3 & KPC9612

MODIFICATION

1. REMOVE Q7 PN2222
2. INSERT 2N7000 INTO Q7 POSITION WITH THE SAME ORIENTATION

KPC-2400 PTT
MODIFICATION
WARREN VK3XSW
16.8.2