





- Procedure:**
1. Piggy back chip to be added (LM 7822) onto IC502, soldering pins 12 to 12, 13 to 13, 14 to 14, 15 to 15, 16 to 16, 17 to 17, 18 to 18, and 19 to 19. Bend pins 2 and 4 of this new IC out and cut off pins 1,3,5,6,7,8,9,10,11,20,21,22,23,24,25, 26,27,28,29 and 30.
  2. Connect pin 2 to Pin 16 of LM7822.
  3. Connect pin 4 to junction of two added 1K resistors.
  4. Connect 1K resistors to base of each added 2SC3622-1transistor
  5. Connect collector of each 2SC3622 transistor to IC502 Pins 2 and 29 as shown in diagram.
  6. Connect emitter of each 2SC3622 to IC502 Pin 16.
  7. Connect a 4.7 K resistor between Pin 19 and Pin 4 of new LM7822.
  8. Testing the unit should include the following:
    - a. Tuner
    - b. Tuner mute between stations
    - c. No tuner bleed through at maximum volume, especially when phone is selected.