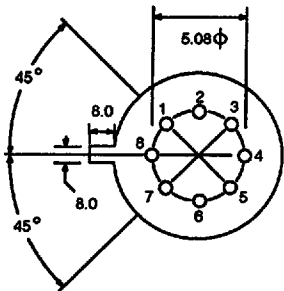
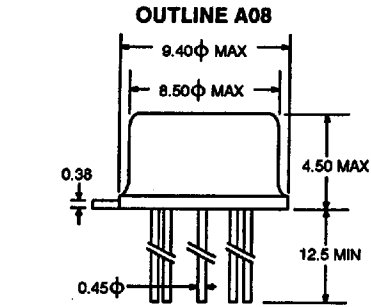


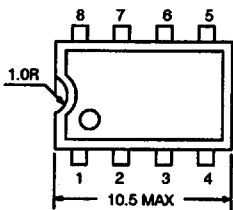
UPC1658A, UPC1658C, UPC1658G

OUTLINE DIMENSIONS (Units in mm)

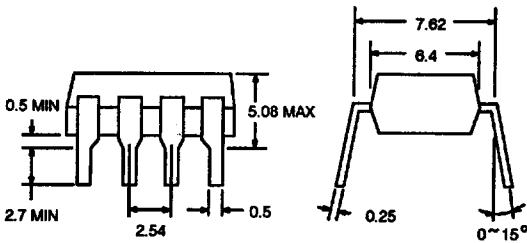


- 1. GND
- 2. Test Point
- 3. Output
- 4. Vcc
- 5. Test Clrcut
- 6. Input
- 7. Bypass
- 8. Bypass

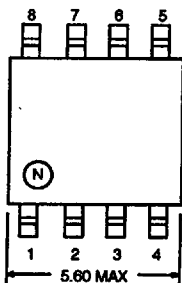
OUTLINE C08



- 1. GND
- 2. Test Point
- 3. Output
- 4. Vcc
- 5. Test Point
- 6. Input
- 7. Bypass
- 8. Bypass

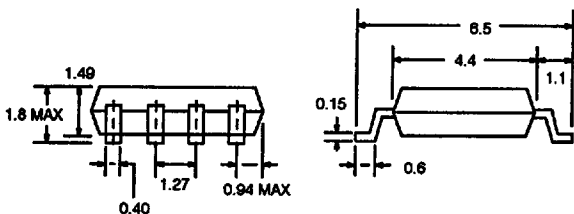


OUTLINE G08



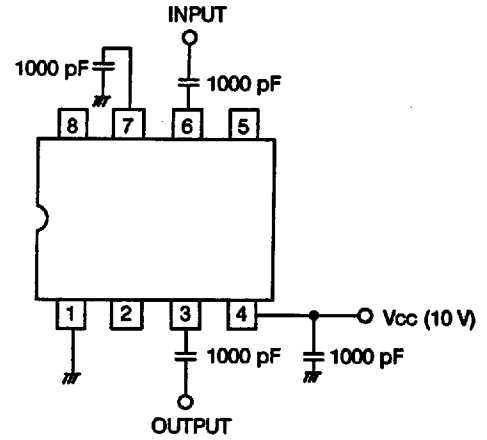
PIN CONNECTIONS

- 1. GND
- 2. Test Point
- 3. Output
- 4. Vcc
- 5. Test Point
- 6. Input
- 7. Bypass
- 8. Bypass

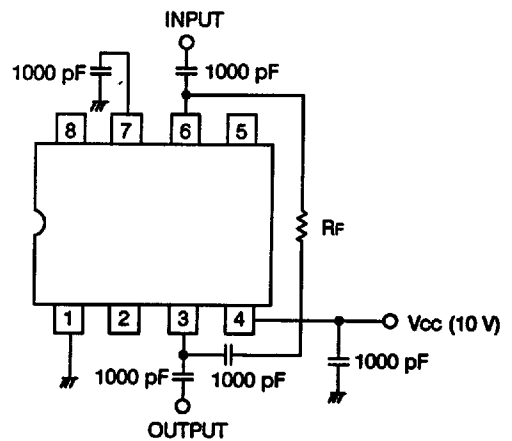


TEST CIRCUITS (See performance characteristics)

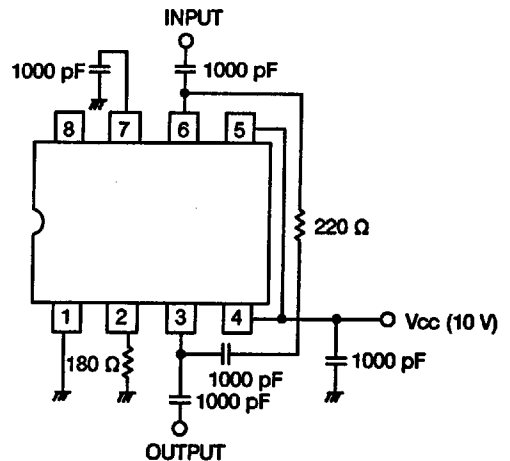
TEST CIRCUIT 1



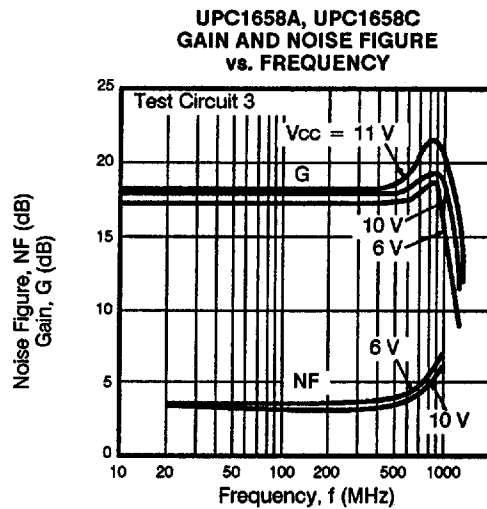
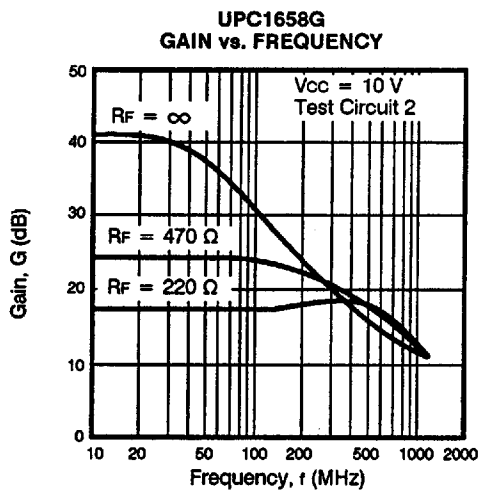
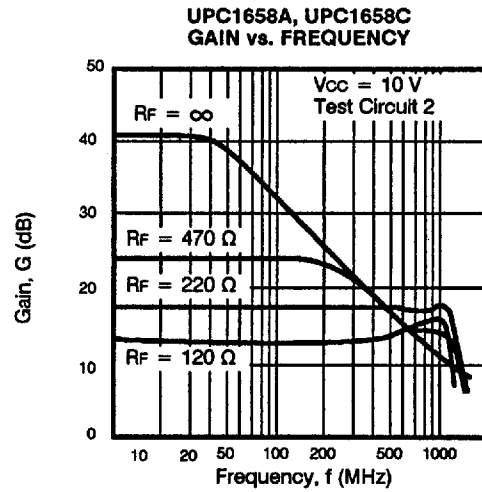
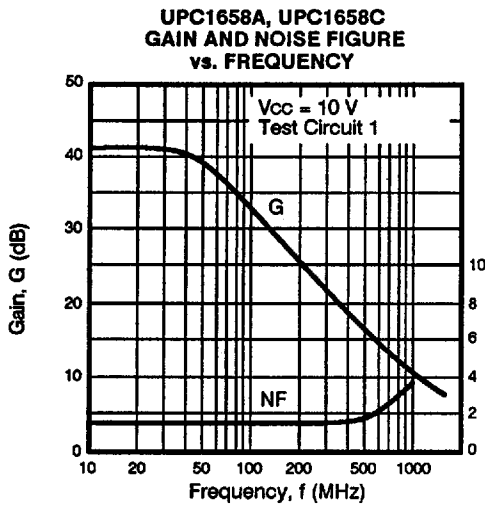
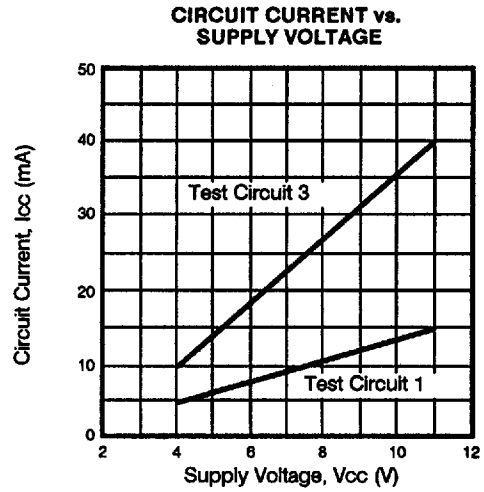
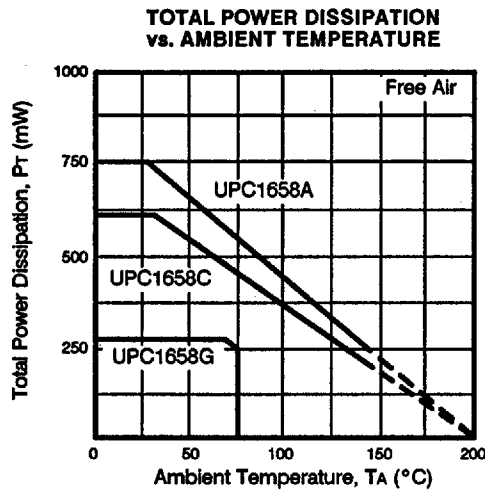
TEST CIRCUIT 2



TEST CIRCUIT 3



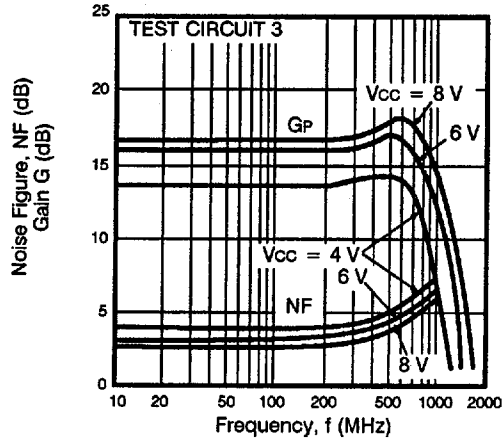
TYPICAL PERFORMANCE CHARACTERISTICS ($T_A = 25^\circ\text{C}$)



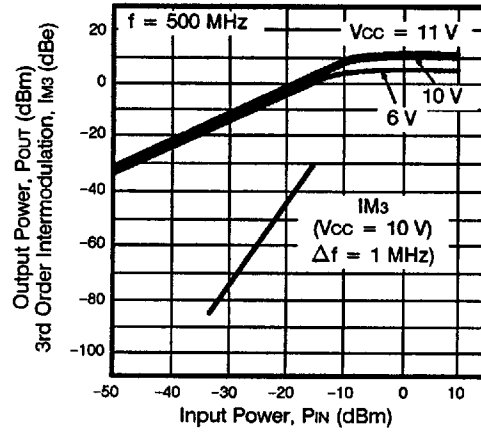
UPC1658A, UPC1658C, UPC1658G

TYPICAL PERFORMANCE CHARACTERISTICS (TA = 25°C)

UPC1658G
GAIN NOISE FIGURE
vs. FREQUENCY



UPC1658A, UPC1658C
OUTPUT POWER, 3RD ORDER
INTERMODULATION vs. INPUT POWER



UPC1658G
OUTPUT POWER, 3RD ORDER
INTERMODULATION vs. INPUT POWER

