

TAA661 FM Amplifier & Detector

REFERENCE TABLE

| Code | Stock No. |
|---------|-----------|
| TAA661A | 31159G |
| TAA661B | 19191R |

DESCRIPTION

The TAA661 is a monolithic integrated circuit particularly designed for use in TV sound and FM/IF amplifiers. The circuit uses a limiter amplifier, a coincidence-gate detector and a voltage regulator. By using the TAA661 a detector transformer is eliminated and the audio signal is capable of driving an output amplifier directly. Detector alignment is obtained by adjusting a single coil which provides the quadrature signal to the coincidence gate detector.

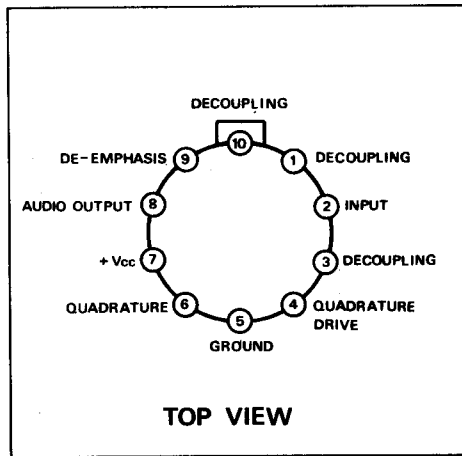
ABSOLUTE MAXIMUM RATINGS

| | |
|--|----------------|
| Supply voltage | 15V |
| Voltage between input high & input low | 4V |
| Power dissipation | 600mW |
| Storage temperature | -25°C to 125°C |
| Operating temperature | 0°C to 70°C |

FEATURES

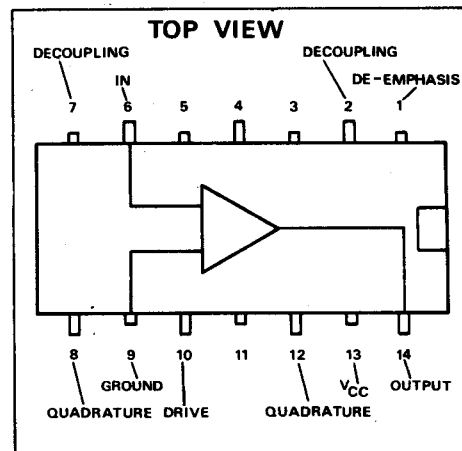
High Gain
 Frequency Range 5KHz to 60MHz
 Threshold Limiting Voltage 100 μ V @ 5.5MHz.
 Gate Coincidence Detector
 Audio Output Voltage 1.4V r.m.s. (THD=1%)

CONNECTION DIAGRAM



See outline drawing No. 98 for dimensions.

CONNECTION DIAGRAM



See outline drawing No. 117 for dimensions.

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