

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.

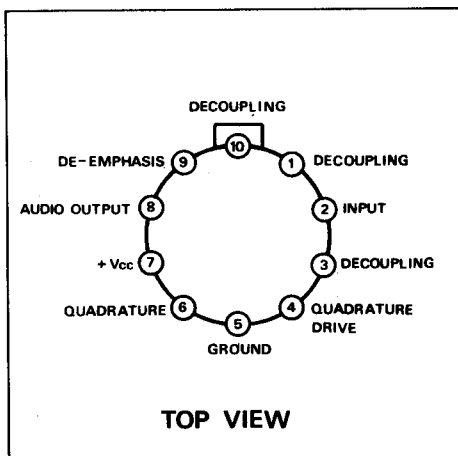
ABSOLUTE MAXIMUM RATINGS

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

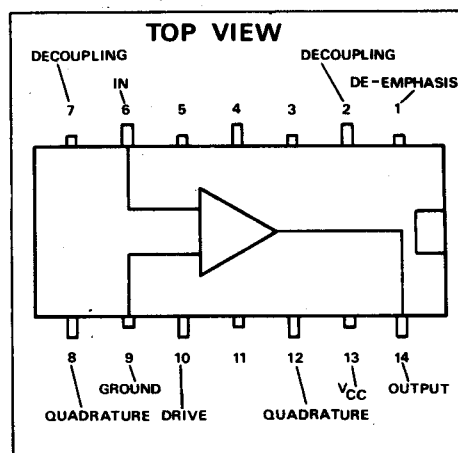
High Gain
Frequency Range 5KHz to 60MHz
Threshold Limiting Voltage 100 μ V @ 5.5MHz.
Gate Coincidence Detector
Audio Output Voltage 1.4V r.m.s. (THD=1%)

CONNECTION DIAGRAM



See outline drawing No. 98 for dimensions.

CONNECTION DIAGRAM



See outline drawing No. 117 for dimensions.

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