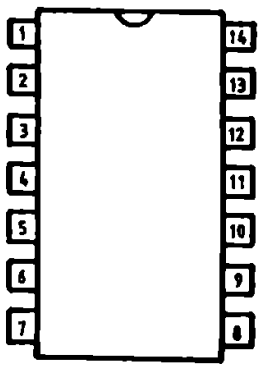
TAA 661
IF AMPLIFIER - LIMITER AND FM DETECTOR

The TAA 661 integrated circuit comprises a four stage IF amplifier-limiter, a balanced coincidence FM detector and a voltage regulator wich enables the circuit to work over a large supply voltage range. Demodulator twing requires just a simple single winding coil. This circuit is intended for use in TV receiver AFC stages.

Features

- Operating temperature	0 ...	+70 oC
- Storage temperature	-25 ...	+125 oC
- Supply voltage	6 ...	15 V
- Supply current (V+ = 12 V)	max.	30 mA
- AF output voltage (vi=10 mV ; V+=12V)	min.	700 mV
- Input limiting (threshold) voltage (-3 dB) ...	max.	250 uVrms
- AM rejection (vi=10 mV ; m=0.3)	min.	40 dB
- Total harmonic distorsion (vi=10 mV)	max.	2 %
- Input resistance	typ.	2.5 kohms
- Input capacitance	typ.	9 pF
- Output resistance	typ.	100 ohms

1. Deemphasis
2. Decoupling
3. NC
4. NC
5. Decoupling
6. Input
7. Decoupling
8. IF output
9. GND
10. NC
11. NC
12. Demodulator input
13. V+
14. AF output



PACKAGE TO-116 / TOP VIEW

Not recommended for new design