

Mechanical Tuners (Black and White/Color TV)

UHF Tuners (No RF Stage)

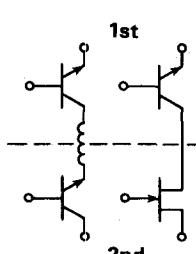
Oscillator Stage	Mixer Diode	AFC Diode
ECG313 - ECB (RF-15) ECG107 - ECB (TO-92) ECG108 - EBC (TO-92) ECG69 - BEC (TO-92) ECG395 - EBC Case (PNP, TO-72)	ECG112	ECG612 (Typ)

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UHF Tuners (With RF Stage)

RF Stage	Mixer Stage	OSC Stage
ECG455 - G ₂ G ₁ SD (FET, N-Ch, RF-15A) ECG395 - EBC Case (PNP, TO-72)	ECG222 - DG ₂ G ₁ S, Case (FET, N-Ch, TO-72) ECG107 - ECB (TO-92) ECG69 - BEC (TO-92)	ECG107 - ECB (TO-92) ECG69 - BEC (TO-92)

VHF Tuners

R.F. Stage	Single Mixer Stage	OSC Stage
ECG107 - ECB (TO-92) ECG108 - EBC (TO-92) ECG69 - BEC (TO-92) ECG161 - EBC Case (TO-72) ECG395 - EBC Case (PNP, TO-72) ECG313 - ECB (RF-15) ECG222 - DG ₂ G ₁ S, Case (FET, N-Ch, TO-72)	ECG107 - ECB (TO-92) ECG161 - EBC Case (TO-92) ECG229 - BEC (TO-92) ECG313 - ECB (RF-15) ECG222 - DG ₂ G ₁ S, Case (FET, N-Ch, TO-72)	ECG107 - ECB (TO-92) ECG108 - EBC (TO-92) ECG161 - EBC Case (TO-72) ECG229 - BEC (TO-92) ECG69 - BEC (TO-92) ECG313 - ECB (RF-15)
IF Amp Stage (Located in Tuner)	Dual Mixers	AFC Diode
ECG107 - ECB (TO-92) ECG108 - EBC (TO-92) ECG161 - EBC Case (TO-72) ECG229 - BEC (TO-92)	 <p>1st ECG229 - BEC (TO-92) 2nd ECG229 - BEC (TO-92) 2nd ECG107 - ECB (TO-92) 2nd ECG312 - GSD (TO-92) (FET, N-Ch, D & S Interchangeable)</p>	ECG613 (Typ)

Notes:

- ECG108 - **NOT** for use in oscillator stage of Varactor tuners as varactor diodes load down the oscillator output.
- ECG319P - Use for AGC controlled IF's, **NOT** good for 3rd VIF.
- ECG229 - Use in last VIF stage.
- ECG233 - Black and White only, use in 3rd or last VIF stage.

Package Outlines - See Page 1-78