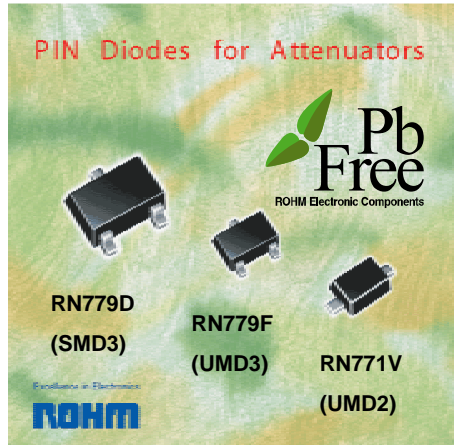




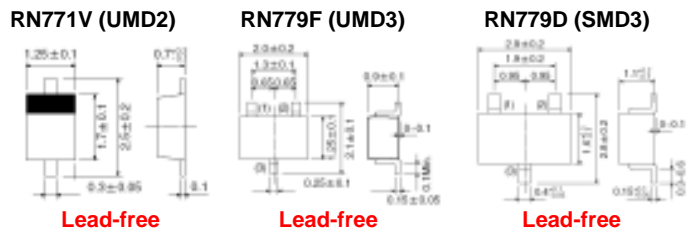
PIN Diodes for Attenuators

The new RN77 Series!



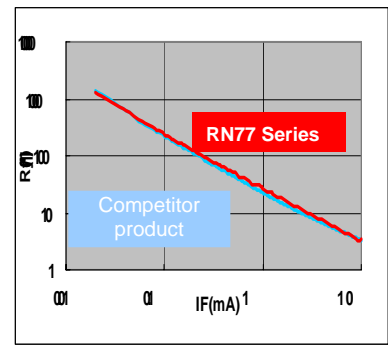
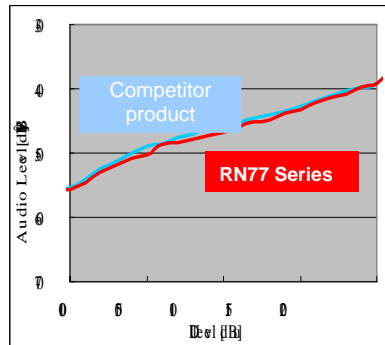
The ROHM Diode Manufacturing Department has developed PIN diodes optimized for car audio and car antenna AGC (Auto Gain Control) applications. A press announcement will be held in conjunction with this release. Therefore, it is recommended that promotion of the products be conducted at this time.

(External Dimensions)



Features:

1. Featuring exceptional intermodulation characteristics - **optimal for AGC circuits**
 - Low cross-modulation distortion, making them suitable for AM circuits
2. **Low capacitance with small forward resistance**
 - High linearity RF characteristics
3. **Small surface-mount package**



Lineup

Part Number	Package	Ct	Rf	r_{fs}	Equiv. Circuit	Competitor Pt. No.	PIN Compatible
RN771V	UMD2(1712)	min.	Φ pFmax. (V=5V)	max. (IF=10mA)		R2311E	•
RN779F	UMD3(202)	min.	Φ pFmax. (V=5V)	max. (IF=10mA)		R2310R	•
RN779D	SMD3(2916)	min.	Φ pFmax. (V=5V)	max. (IF=10mA)		R2310S	•

APPLICATIONS: Car audio and car antenna AGC (Auto Gain Control) circuits