



303 S. Technology Ct.
Broomfield, CO 80021

Customer Change Notification
Notification Date: February 7, 2005
CGA-6618 Specification Changes

Please be advised that Sirenza Microdevices will be making the following product changes on the effective date noted for the products listed.

Parts Affected:
CGA-6618

Extent of Change:
The following changes were made to the CGA-6618

Parameter	Units	Old Value	New Value
Current	mA	135 (min), 150 (typical), 165 (max)	144 (min), 160 (typical), 176 (max)
Output 2 nd order intercept (OIP2)	dBm	71 (min), 73 (typical)	70 (min), 72 (typical)
Output Return Loss (ORL)	dB	10.0 (min)	9.4 (min)

Because of the change in recommended bias current, we are replacing the old bias resistor table with the following resistor table:

Supply Voltage	8V	9V	12V	15V
R _{bias}	33 Ω	47 Ω	82 Ω	120 Ω

Reason for Changes:

Recommended bias current was increased so that the CGA-6618 would have better performance over normal foundry process variations.

After review of historical OIP2 and ORL data, the minimum and typical values on the datasheet have also been adjusted.

Effective date of change:
Immediate –this applies to all CGA-6618 parts shipped, as of February 7, 2005 and later.

Please contact SMDI Amplifier Applications Engineering at amp-apps@sirenza.com, if you have any questions or need assistance.