

PRODUCT ALERT

RGB528A 250 MHz Voltage Specification

The RGB528A High Performance Palette DAC is available with three maximum clock speeds: 170 MHz, 220 MHz and 250 MHz. The preliminary product data sheet (document number SC22-9864-00) specifies a power supply voltage (min 3.0 V, max 3.6 V) that is common to all three speed ratings.

Effective immediately, the power supply voltage specification is changed for the 250 MHz part only. The new specification for the 250 MHz part is min 3.42 V, max 3.78 V (3.6 V \pm 5%). The new power supply specifications are summarized in the table below.

The affected part number is IBM 37RGB528 CF 25-A.

The data sheet has been revised as document number SC22-9864-01, dated May 29, 1997. Postscript** and PDF** versions of this specification are available on the web at:
<http://www.chips.ibm.com/products/display/rgbdocs.html>

- 250 MHz parts which have been obtained prior to this specification update can be run at either the original specification, or the new specification. (i.e., the parts can have a supply voltage of 3.0 V to 3.78 V.)
- 250 MHz parts which are obtained following the specification change must use a supply voltage of 3.42 V to 3.78 V.

The 170 MHz and 220 MHz parts continue to use a power supply range of 3.0 V to 3.6 V.

RGB528A New Specifications

Item	Symbol	170 MHz		220 MHz		250 MHz		Units
		Min	Max	Min	Max	Min	Max	
Power Supply	VDD, DACVDD, PLLVD	3.0	3.6	3.0	3.6	3.42	3.78	V



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