

# Specification Limit Change Notification

## HT1104 Operational Amplifier

### Power Supply Rejection Ratio and IDD Operating Current

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Honeywell manufactures a line of high temperature products on Silicon On Insulator (SOI) CMOS technology. This document defines changes to two electrical specifications.

Refer to the full data sheet for the HT1104 performance specifications. The data sheet can be downloaded at [www.honeywell.com/hightemp](http://www.honeywell.com/hightemp).



#### Purpose

This document defines the change in the Power Supply Rejection Ratio and IDD Operating Current.

#### Specification Definition

Symbol	Parameter	Previous Value	New Value	Units
I <sub>DD</sub>	Supply Current (total package)	9 (225C) max	<b>10 (225°C) max</b>	mA
PSRR	Power Supply Rejection Ratio	80 min	<b>66 min (225C)</b> <b>Note (1)</b>	dB

Notes:

(1) PSRR uses  $V_{DD} - V_{SS} = 10V \pm 0.5V$ . PSRR typically >90dB at room temperature.

#### Affected Parts

This change will take effect for products with date codes “**1007**” and beyond. Date code is year and fiscal week of assembly build, YYFW.

#### Application Impact

The previous specifications will be met over most of the operating temperature range. At temperatures exceeding 180°C, the higher supply current and reduced power supply rejection will apply.

The customer/user of the HT1104 should review their power supply design analysis to ensure proper margin still remains. Honeywell will assist in this analysis as necessary.

#### For further questions

Please call for applications support at 800-323-8295 (USA toll free) or 763-954-2474 or visit our website at [www.honeywell.com/hightemp](http://www.honeywell.com/hightemp).