Issue Number | 001
August 2011

Product Update

ZXRD060

ZXRD060 0.6V dual shunt regulator in DFN2626P10 packaging

The ZXRD060 is a 10-terminal dual adjustable shunt regulator offering excellent temperature stability and output handling capability.

It is available in two grades with initial tolerances of 0.5% and 1% for the A and standard grades respectively.

The part is available in the very small outline DFN2626P10 10 pin package. This 2.6mm by 2.6mm package offers optimum space saving in power supply applications of space critical equipment.

With its low 0.6V FB pin, it can control the regulation of rails as low 0.6V. This makes it ideal for state of the art microprocessor/DSP and PLD core voltage POL converters.

The Diodes advantage

- DFN2626P10 package
  Dual device and 2.6mm by 2.6mm package outline offers optimum performance and space saving
- Low reference voltage (0.6V)
  Supports the low voltage requirements of microprocessor core supplies
- 0.5% and 1% tolerance as standard
  Provides tight tolerance of power supply
- -40 to 125°C temperature range
  Supports large ambient temperature range of modern power supplies

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Part Number	Number of regulators	Reverence voltage (V)	Tolerance (%)	Input voltage range (V)	Power Supply Rejection Ratio (dB)	Output voltage range (V)	Ambient Temperature Range (°C)	Packages
ZXRD060	2	0.6	0.5 & 1	2 to 18	45	0.2 to 18	-40 to 125	DFN2626P10

To find out more information:

Op-amp overview page http://www.diodes.com/products/catalog/list_extended.php?parent-id=186&sub=separate

Datasheet http://www.diodes.com/datasheets/ZXRD060.pdf

Ordering information

Tol.	Order Code	Part	Ident Code	Reel Size	Tape Width	Quantity per Reel
0.5%	ZXRD060AFK-7	DFN2626P10	S6A	7”, 180mm	8mm	3000
1%	ZXRD060FK-7	DFN2626P10	S06	7”, 180mm	8mm	3000

All variants are in packages are “Green” Molding Compound (No Br, Sb) with Lead Free Finish/RoHS Compliant (Note 1)
Notes:1. EU Directive 2002/95/EC (RoHS). All applicable RoHS exemptions applied, see EU Directive 2002/95/EC Annex Notes