



Product Update

ZXRE060

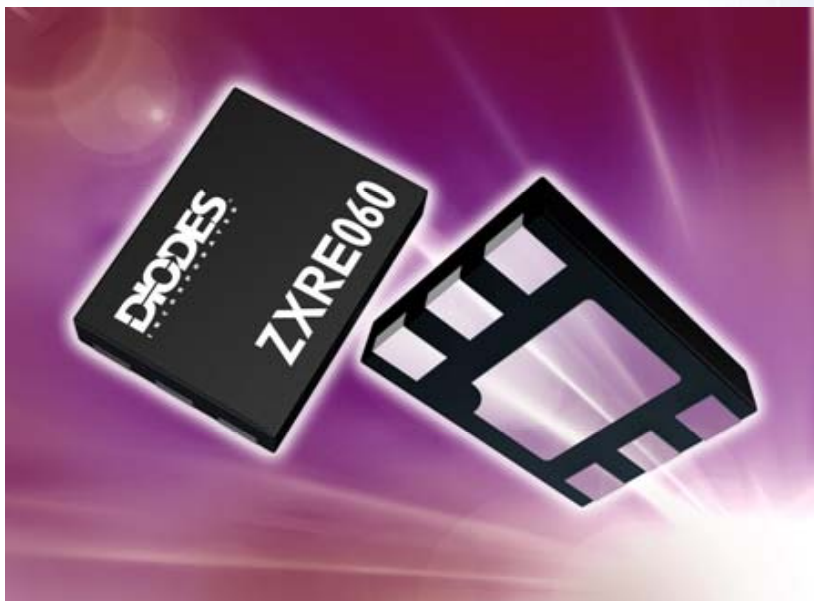
Space saving packaging for ZXRE060 0.6V shunt regulator

The ZXRE060 is a 5-terminal 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.

Already available in low profile 5 pin SC70/SOT353 and thin TSOT23 packaging, we are now introducing the part in the very small DFN1520 package.

This 1.5mm by 2.0mm package offer optimum space saving in power supply applications of space critical equipment.



The Diodes advantage

- Low reference voltage (0.6V)
Supports the low voltage requirements of microprocessor core voltages
- 0.5% and 1% tolerance as standard
Provides tight tolerance of power supply
- DFN1520 package
1.5mm by 2.0mm package outline offers optimum space saving
- -40 to 125°C temperature range
Supports large ambient temperature range of modern power supplies



Space saving packaging for ZXRE060 0.6V shunt regulator

Part Number	Reference voltage (V)	Tolerance (%)	Input voltage range (V)	Power Supply Rejection Ratio (dB)	Output voltage range (V)	Ambient Temperature Range (°C)	Packages
ZXRE060	0.6	0.5 & 1	2 to 18	45	0.2 to 18	-40 to 125	TSOT23-5 SC70-5 DFN1520 

To find out more information:
Op-amp overview page
Datasheet

<http://www.diodes.com/products/catalog/list.php?parent-id=82>
<http://www.diodes.com/datasheets/ZXRE060.pdf>

Ordering information

Tol.	Order Code	Part	Ident Code	Reel Size	Tape Width	Quantity per Reel
0.5 %	ZXRE060AET5TA	TSOT23-5	S6A	7", 180mm	8mm	3000
	ZXRE060AH5TA	SC70-5/SOT353	S6A	7", 180mm	8mm	3000
	ZXRE060AFT4-7	DFN1520H4-6	S6A	7", 180mm	8mm	3000
1%	ZXRE060ET5TA	TSOT23-5	S06	7", 180mm	8mm	3000
	ZXRE060H5TA	SC70-5/SOT353	S06	7", 180mm	8mm	3000
	ZXRE060FT4-7	DFN1520H4-6	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