



SPX1431 FAQ

Sipex Part: SPX1431

Date: Mar21-07

Question:

We need a reference IC whose voltages are 2.5V and 1.25V. The IC should work between minus 40°C and +105°C. And the package should be 3pin SOT-23. I searched for it on the Sipex website, but I can't find one that can fit the customer's request. Would you please give me some advice?

Answer:

The temperature range of -40°C to 105°C is the difficult parameter to meet with SOT-23-3 package. The best we could offer is the SPX432 with a temp range of 0°C to 105°C in a SOT-23-3 package with a Vref of 1.24V. The SPX1431 will operate for -55°C to +125°C and offers an output voltage of 2.5V to 36V in a SOT-23-5 package.