

Re: Source for low current zener in China?

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- *From:* Joerg <notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 28 Sep 2006 16:17:11 GMT
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Hello Robert,

Problem is, when I detect excessive impedance and ask the mfgs about it they seem to become silent. Hmm....

So how come this thing has worked in the past? (You said it was a legacy design so I assume it has been successfully in production for a while.)

Well over a decade without problems.

Were those real "low-current zeners" that all of a sudden have gone to the land of unobtainium, or did the finished product work only by sheer luck in the high-impedance knee region of whatever diodes were designed in back then?

Not by luck. The design is within data sheet limits. The low cutoff is what matters. Data sheet says it's between 5.32V and 5.88V at 50uA. We run at 200uA and had a lot of them below our cutoff limit of 5.1V. Oops! So I wrote, asking about whether it could be a lot glitch. No call back so far...

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Regards, Joerg

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