



SP6201 FAQ

Sipex Part: SP6201

Date: Jul 24-07

Question:

For a product that we are about to release for production, I originally specified the SP6201 LDO regulator in the fixed 5V (300mA) version. I was relying on a Sipex data sheet dated 8/25/04 to determine the appropriate part number which was then listed as SP6201EM5/TR. On the latest data sheet (dated 5/5/06) offered at your website the fixed 5V (300mA) version is listed as SP6201EM5-5-0/TR.

Please confirm that the electrical characteristics are unchanged and only the part number has been changed.

Answer:

There is no change in electrical characteristics -- the reason why the part numbers were changed was that it was originally incorrect according to our internal part numbering scheme which was designed to be compatible with Oracle.

Question:

Would sipex have CMOS technology LDO? From the sipex web, SP6201 is a CMOS LDO. It isn't bipolar technology. From other datasheets, if a part is produced in CMOS technology then we need further support for ESD parameters in the datasheet.

Answer:

The SP6201 is a CMOS type LDO. If you are asking if this device offers enhanced ESD protection like some of our Interface products up to +/-15KV the answer is no. We are not aware of any LDO from any company that offers enhanced ESD protection.

Question:

Can you please tell me what would be the Tolerance and Max input Voltage?

SP6201EM5-3.3L and SP6201EM5-L-2-85/TR and SP6201EM5-1.8-L/TR

Answer:

The SP6201EM5 series offer a output voltage accuracy of +/-2% from nominal and input voltage range of 2.5V - 6.0V.