



DEFENSE LOGISTICS AGENCY

LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

May 22, 2013

Mr. Brian Greene
Solid State Devices Inc.
14701 Firestone Blvd.
La Mirada, CA 90631

Dear Mr. Greene:

Re: Notification of Qualification, MIL-PRF-19500P, Amend 1, FSC 5961; VQ (VQE-13-026438);
CAGE Code: 30043; Ctrl # 039334

Qualification of your product is granted under the current issue of the specification as a result of successful
qualification testing of device type JANS1N6517 as allowed by paragraph E.4.1 of Performance Specification
MIL-PRF-19500P, Amendment 1, Semiconductor Devices, FSC 5961, and performance specification /575E. Extension
is granted to the other devices listed below as allowed by paragraph E.4.2.2 (Qualification by extension). Therefore,
your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this
qualification is May 16, 2013. The starting lot date code is 1222.

The qualification lot thermal impedance conditions and upper limits are as follows (subject to change after 5
lots with approval of the qualifying activity):

Table with 5 columns: I\_M, I\_H, t\_H, t\_MD, ZOJX. Values: 10 mA, 4 A, 20 msec, 70 us, 0.59°C/W max

Table with 6 columns: Government Designation, ESD Class, Manufacturer Designation, Test Report Reference, Prf Spec, Manufacturer Name & Address. Row: S 1N6512-1N6519, NS, CDVL, 19500-3830-13, /575, Same as above

S Includes JANS quality level only

Plant 1: Same as above

This qualification approval is based upon test report numbers 19500-3830-13 for your die and package, your
letter dated March 22, 2013 and subsequent emails with data, is subject to the conditions as stated in the SD-6 and
DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let
us know if your company discontinues production of these products. Also, manufacturers are required to inform this
office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem
notification on their QML product. If you have any questions, please contact Mr. DelloStritto at 614-692-0616.

Sincerely,

Handwritten signature of Joseph Gemperline

for JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division