



**DEFENSE LOGISTICS AGENCY**  
 LAND AND MARITIME  
 POST OFFICE BOX 3990  
 COLUMBUS, OH 43218-3990

June 7, 2021

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

Dear Mr. Greene:

Re: Notification of Qualification Approval, MIL-PRF-19500P, Amend 4, FSC 5961; VQE-21-036247, CAGE Code: 30043; Control Number: 076942.

Qualification approval of your product is granted under the current issue of the specification because of successful full qualifications testing of device JANS1N8257US, Semiconductor Devices, performance specification sheet /774, revision A, amendment 1. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The starting lot date code is 2014. The effective date of this qualification is June 7, 2021.

Package	Thermal Impedance Conditions				Z0JX Limits*
	I <sub>M</sub>	I <sub>H</sub>	t <sub>H</sub>	t <sub>MD</sub> (D <sub>T</sub> )	QCI
US	1mA	10A	10s	70μs	2.44°C/W

\*K factor = 1.745 mV/C

Government Designation	Lead Finish	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
S 1N8257US	A	NS	CDVL	19500-6214-21	/774	Same as above

S Includes JANS quality level only

Plant: Solid State Devices  
 14830 Valley View Blvd  
 La Mirada, CA 90638  
 (wafer fabrication)

This qualification approval is based upon test report number 19500-6214-21 and on your letter dated May 28, 2021. This approval is subject to the conditions stated in 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. In addition, 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 on this letter, contact Mr. Zade Karadsheh at 614-692-0611.

Sincerely,

RAYMOND L. KOLONCHUK  
 Chief,  
 Electronic Devices Branch