



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

November 6, 2013

Ms. Sylvie Peron
 STMicroelectronics S.A.S.
 3, rue de Suisse - CS 60816
 F-35208 Rennes Cedex 2
 France

Dear Ms. Peron:

Re: Notification of Qualification Approval, MIL-PRF-19500P, FSC 5961, VQ (VQE-14-027259),
 CAGE Code: F8859, Control Number: 040859

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANS2N5551UB to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /767, Revision A. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is November 6, 2013. The starting lot date code is W1236.

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

$I_m=1 \text{ mA}$, $I_h=200 \text{ mA}$, $t_H=50 \text{ msec}$, $t_{MD}=100\mu\text{sec}$, $Z_{\theta JX}=32.6^\circ\text{C/W}$ max (Screening and QCI)

Government Designation	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
§ 2N5551UB	3B	CSTM	19500-4021-14	/767	Same as above

Wafer Fab (2): STMicroelectronics Pte. Ltd.
 28 Ang Mo Kio Industrial Park 2
 Singapore

§ Includes JANS quality level only

6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3

This qualification approval is based upon test report number 19500-4021-14 assigned to your qualification test data for your die and package dated September 19, 2013. This qualification is subject to the conditions as 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. 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 on this letter, contact Mr. Deslich at 614-692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division