



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

July 13, 2012

Ms. Sylvie Peron
 Quality Assurance Manager
 STMicroelectronics
 3 rue de Suisse, CS 60816
 F-35208 Rennes Cedex 2
 France

Dear Ms. Peron:

Re: Notification of Qualification, MIL-PRF-19500P, FSC 5961; VQ (VQE-12-024759); CAGE Code: F8859; Control No. 036745

Qualification of your product is granted under the following issue of the specification as a result of successful qualification testing of device type JANSR2N2222AUB to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /255W, subgroup D-2 for Steady State Total Dose Irradiation, TM1019 condition A. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification action is July 13, 2012. The starting lot date code is W1036.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots):

Package	I_M	I_H	t_H	t_{MD}	$Z_{\theta JX}$
UB	1 mA	200 mA	50 ms	100 μ s	52.1°C/W max

Note: The thermal limits above apply to the stated package type. As other packages are produced, the thermal limits will be added to this letter.

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§R 2N2222AUB	3B	CSTM	19500-3595-12	/255	Same as above

Plant 2: STMicroelectronics Pte. Ltd.
 28 Ang Mo Kio Industrial Park 2
 Singapore 569508
 (Wafer Fabrication)

§ Includes JANS quality level only

This qualification approval is based upon test report number 19500-3595-12, your subgroup D-2 testing data completed on February 19, 2012 showing successful qualification testing, and test report number 19500-3307-11 for your JANS die and UB package. This approval 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. Karadsheh at 614-692-0611.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division