



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

June 24, 2011

Mr. Paul Syndergaard
 ON Semiconductor, Inc.
 2300 Buckskin Road
 Pocatello, ID 83201

Dear Mr. Syndergaard:

Re: VQ(VQE-11-022753); Notification of Qualification, MIL-PRF-19500P, FSC 5961, CAGE 31471

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANTXV2N3019S to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet /391M with Amendment 1. Qualification is extended to the device types listed below as allowed by paragraph E.4.2.2 of MIL-PRF-19500. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is June 24, 2011. The beginning lot date code for this qualification is T1103A.

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

V_{CB}	I_H	I_M	t_H	t_{MD}	ΔV_{BE}
35 V	111 mA	2 mA	10 ms	50 μ s	0.21 V max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
** 2N3019S	3B	CONP	19500-3278-11	/391	

Plant (2): ON Semiconductor (ISMF)
 Seremban, Malaysia
 (wafer fabrication)
 Millenium Microtech (MMT)
 Chachoengsao, Thailand
 (assembly)

** Includes JAN, JANTX, and JANTXV quality levels

This qualification approval is based upon test report number 19500-3278-11 and your letter dated June 3, 2011. 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 concerning this letter, please contact Mr. Brad Deslich (614) 692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division