



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

July 8, 2011

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

Dear Mr. Syndergaard:

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

This qualification letter is being amended to allow qualification by extension to device type 2N3019.

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):

$V_{CB}$	$I_H$	$I_M$	$t_H$	$t_{MD}$	$\Delta V_{BE}$
35 V	111 mA	2 mA	10 ms	50 $\mu$ s	0.21 V max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
** 2N3019S 2N3019	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