



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

July 9, 2014

Ms. Beth Parker
Director of Quality Assurance
Microsemi Corporation/Lawrence Division
6 Lake Street
Lawrence, MA 01841

Dear Ms. Parker:

Re: Notification of Qualification Approval, MIL-PRF-19500P, FSC 5961, VQ (VQE-14-028250),
CAGE Code: 43611, Control Number: 043194

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANTXV2N2222A to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /255, Revision Y. This is an initial qualification of the Microsemi semiconductor assembly facility in Laguna, Philippines. Qualification by extension, as allowed by paragraph E.4.2.2 Qualification by Extension of MIL-PRF-19500P, is granted to the other devices listed below. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is July 9, 2014. The starting lot date code is M1351.

Qualified thermal impedance conditions and limits remain as approved in the initial qualification listings for each device.

Government Designation	Lead Finish	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
JAN 2N706	A	3A	CDWR	19500-4215-14	/120	Same as above
** 2N718A	A	NS			/181	
** 2N720A	A	NS			/182	
** 2N930	A	3A			/253	
** 2N2221A	A	3B			/255	
** 2N2221AL	A	3B			/255	
** 2N2222A	A	3B			/255	
** 2N2222AL	A	3B			/255	
* 2N2481	A	3A			/268	
** 2N2060	A	NS			/270	
** 2N2060L	A	NS			/270	
** 2N2906A	A	2			/291	
** 2N2906AL	A	2			/291	
** 2N2907A	A	2			/291	
** 2N2907AL	A	2			/291	
** 2N918	A	NS			/301	
* 2N708	A	3A			/312	
** 2N2432	A	3A			/313	
** 2N2432A	A	3A			/313	
** 2N2369A	A	3A			/317	
** 2N4449	A	3A			/317	
** 2N3250A	A	3A			/323	
** 2N3251A	A	3A			/323	
** 2N3810	A	2			/336	
** 2N3810L	A	2			/336	
** 2N3811	A	2			/336	
** 2N3811L	A	2			/336	



Government Designation	Lead Finish	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
** 2N2857	A	1C			/343	
** 2N2604	A	3A			/354	
** 2N2605	A	3A			/354	
** 2N2919	A	3A			/355	
** 2N2919L	A	3A			/355	
** 2N2920	A	3A			/355	
** 2N2920L	A	3A			/355	
** 2N2484	A	3A			/376	
** 2N2944A	A	3A			/382	
** 2N2945A	A	3A			/382	
** 2N2946A	A	3A			/382	
** 2N3057A	A	3A			/391	
** 2N3700	A	3A			/391	
** 2N3485A	A	2			/392	
** 2N3486A	A	2			/392	
** 2N3737	A	3A			/395	
** 2N3764	A	NS			/396	
** 2N3765	A	NS			/396	
** 2N5581	A	3B			/423	
** 2N5582	A	3B			/423	
** 2N5793	A	3B			/495	
** 2N5793A	A	3B			/495	
** 2N5794	A	3B			/495	
** 2N5794A	A	3B			/495	
** 2N5795	A	2			/496	
** 2N5795A	A	2			/496	
** 2N5796	A	2			/496	
** 2N5796A	A	2			/496	
** 2N4029	A	3B			/512	

/255 Wafer Fab (11): Microsemi AMSE
11861 Western Avenue
Garden Grove, CA 92641-2119
Assembly (17): Microsemi Philippines Laguna
(MSPL)
(Date Code Prefix: M)

All others: Wafer Fab Plant 1, same as above
Assembly (18): Microsemi Philippines Laguna
(MSPL)
(Date Code Prefix: L)

** Includes JAN, JANTX, and JANTXV quality levels

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 19500-4215-14 for your die and package and your report dated April 18, 2014. 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