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

June 4, 2025

Mr. Ben Paat
Voltage Multipliers Inc.
8711 W. Roosevelt Ave.
Visalia CA 93291

Dear: Mr. Paat

Re: Notification of Qualification, MIL-PRF-19500P, Amend 3, FSC 5961, VQ (VQE-25-039626); CAGE 60211; Control Number 091712

Re-qualification of your product is granted based on successful testing of device type JANTX1N6515 to Performance Specification MIL-PRF-19500R, Semiconductor Devices, and performance specification sheet /575, revision F. Re-qualification of your product was required based on a change from the round-cut configuration to a hex-cut configuration due to a change in your manufacturing process. Extension is also granted to other devices listed below as allowed by E.4.2.2 (Qualification by extension). Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is June 4, 2025, and starting lot date code 2252.

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

Device Type	$Z_{\theta JX}$ (C/W)	I_H (A)	Im (mA)	t_H (s)	TMD μS (max)	Thermal Constant (C/V)
1N6513 (US, FL)	2.00	5.00	10	0.100	70	256.0
1N6515 (US, FL)	2.10	5.00	10	0.150	70	128.0
1N6517 (US, FL)	2.10	5.00	10	0.150	70	85.0
1N6519 (US, FL)	3.00	2.00	10	0.250	70	43.0

Government Designation	Lead Finish	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
+, V 1N6512, FL +, V 1N6513, FL +, V 1N6514, US, FL +, V 1N6515, US, FL +, V 1N6516, US, FL +, V 1N6517, US, FL +, V 1N6518, US +, V 1N6519, US	J	3A	CETH	19500-7244-25	/575	Plant (1)

Plant: (1)
8711 West Roosevelt Avenue
Visalia, CA 93291

V includes JANTXV quality level only
+ includes JANTX quality level only

This qualification approval is based upon test report numbers 19500-7244-25 and your letter dated March 12, 2025. This qualification 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 concerning this letter, please contact Mr. Sterling Henarie at sterling.henarie@dla.mil

Sincerely,

KOLONCHUK.RAYMOND.L.JR.1230207093

Digitally signed by KOLONCHUK.RAYMOND.L.JR.1230207093
Date: 2025.06.11 09:55:59 -04'00'

RAYMOND L. KOLONCHUK
Chief
Electronic Devices Branch

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