



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

February 5, 2016

Ms. Margaret Dancey
Director of Quality and EH&S
E2V Incorporated
765 Sycamore Drive
Milpitas, CA 95035

Dear Ms. Dancey:

RE: Notification of Qualification, Hybrid Microcircuits, MIL-PRF-38534, FSC 5962,
VQ (VQH-16-030092), CN 049493

Qualification of your materials and processes using your facilities located above is granted effective February 5, 2016, under the current issue of the performance specification MIL-PRF-38534, Hybrid Microcircuits, FSC 5962. This action is a result of successful qualification in accordance with your Group C Test Results Summary for e2v, Inc. Device Part# LH2101A revision B. This covers your eutectic die attach, aluminum wirebond, solder sealed 16 lead DIP package. Details are covered in your VQH 42 form dated September 8, 2015. Our designated number for this report is 38534-4628-16.

Your Qualified Manufacturers List (QML) listing will appear as in Enclosure 1 and is subject to the conditions printed in Enclosure 2.

You are to notify us after learning of a potential issuance of a GIDEP alert, problem advisory or major quality/reliability problem affecting QML products. Failure to provide prior notification may be grounds for removal from QML 38534.

Because we are held responsible for the accuracy and currency of this QML, please let us know if your company discontinues production using these materials or processes.

If you have any questions, please contact Mr. Buben at (614) 692-0592.

Sincerely,

for ALAN WILL
Acting Chief
Sourcing and Qualifications Division

Enclosures



E2V Incorporated (CAGE Code: 0C7V7)

765 Sycamore Drive, Milpitas, CA 95035, US

Company Contact: Ms. Margaret Dancey, Phone: 408-585-7172, Fax: 408-736-8708, E-mail: Margaret.Dancey@e2v-us.com

DLA Contact: Mr. Joseph Buben II, Phone: 614-692-0592, Fax: 614-692-6942, E-mail: vqh.jbu@dla.mil

Quality Management (QM) Program: TRB

Periodic Inspection System: Option 1

Technologies: Semiconductor Dual High Performance Op Amp

Qualification Letters: VQ(VQH-16-030092)

Class Level Information: See Note 6/

Class H, Class E

Substrate Fabrication Information: See Note 1/

Substrate Fabrication Flows: N/A

Substrate Fabrication: N/A

Assembly Information: See Note 1/

Assembly Flows: 00-SB15-016 revision A

Substrate Attach: N/A

Element Attach: Eutectic, Gold/Silicon Preform

Add-on Elements: Unpackaged Die

Wire Bonding: Aluminum

Package Information: See Notes 1/ 2/ 3/

Package Information: Ceramic Co-fire Package, Dual-in-line, Solder Seal, 2.22 Inch Seal Perimeter, 16 Leads, Gold Lead Finish

Notes:

1/ The QML listing can be expanded provided appropriate qualification testing is performed and passed. Therefore the manufacturer may accept an order for compliant product not covered by his QML listing, but shall not ship the compliant product until the testing has been successfully completed.

2/ Package seal perimeter is listed by largest perimeter successfully tested in inches.

3/ Package lead counts are listed by maximum number of leads covered by qualification.

4/ Caution. Do not use this number for item acquisition. Item acquired to this number may not satisfy the performance requirements of the listed SMD.

5/ Inactive for new design, no longer available from manufacturer.

6/ Class E devices are devices, which meet all of the requirements of one of the other classes (K, H, or G), with some exceptions taken. Therefore any manufacturer qualified to G, H or K is eligible to produce and mark product as compliant to class E.

CONDITIONS REGARDING QUALIFICATION APPROVAL

1. A listing on the Qualified Manufacturers List (QML) does not guarantee acceptance of the product(s) in any future purchase.
2. QML listing does not constitute a waiver of any requirements of the specification or of the provisions of any contract.
3. Advertising of qualification information is permitted. Permission to use such information for advertising or publicity purposes is granted provided that such publicity or advertising does not state or imply that the product(s) is the only product of that type qualified or that the Department of Defense in any way recommends or endorses the manufacturer's product.
4. The listing applies only to products produced in the plant(s) specified in this letter of notification of qualification and applies to future amendments or revisions of the specification, unless otherwise notified.
5. The qualifying activity must be advised in advance of any change to the materials and manufacturing construction techniques. Failure to notify the qualifying activity of any change to the materials and manufacturing construction techniques is cause for removal from the QML.
6. Continued qualification listing is dependent upon the manufacturer's compliance with the retention of qualification, verification of qualification, to which his products are qualified.