Test Optimization

MIL-PRF-38534, the Performance Specification for Hybrid Microcircuits allows manufacturers to modify, substitute, or delete certain test methods after full justification has been documented and approved by the Qualifying Activity. In Avago Technologies case, the Qualifying Activity is DSCC.

The following page(s) are Avago Technologies optimization approvals from DSCC that apply to all Class H and K hermetic optocouplers.

If you have any questions or concerns, please contact Ann Harding at 408-435-4217 or email ann.harding@avagotech.com.

DEFENSE LOGISTICS AGENCY
DEFENSE SUPPLY CENTER, COLUMBUS
POST OFFICE BOX 3990
COLUMBUS, OH 43216-5000

IN REPLY REFER TO DSCC-VQH-02-002212 (Mr. Bruce Dickerson/614-692-0595/bld)

August 16, 2002

SUBJECT: Test Optimization, MIL-PRF-38534, FSC 5962

Ms. Shelley Sinclair
Business Unit Manager
Agilent Technologies, Inc.
3175 Bowers Avenue, MS 88H
Santa Clara, CA 95054-3292

Dear Ms. Sinclair:

Your proposal for elimination of Internal Water-Vapor testing has been approved. This optimization allows you to eliminate Internal Water-Vapor testing, TM 1018 of MIL-STD-883, from your QML Periodic Inspection (PI)/Qualification test flow. This approval is based on the utilization of Dow Corning R6110 junction compound (covers and protects all circuitry) and that no failures have occurred due to moisture/corrosion (based on historical data) to the QML Hermetic Optocouplers.

Should any of these conditions change or if there are any problems related to internal moisture/corrosion, you must reinstate Internal Water-Vapor testing and institute other appropriate action as specified in MIL-PRF-38534. DSCC-VQH shall be notified if any of the stated conditions occur.

We appreciate your taking advantage of the test optimization option. Your test optimization will be listed on the DSCC-VQ Test Optimization Report, which is posted at our web-site www. DSCCCols.com. If you have any questions relating to this matter contact Mr. Dickerson at (614) 692-0595.

Sincerely,

JOSEPH GEMPERLINE
Chief
Hybrid Devices Team

DEFENSE LOGISTICS AGENCY
DEFENSE SUPPLY CENTER, COLUMBUS
POST OFFICE BOX 3990
COLUMBUS, OH 43216-5000

IN REPLY REFER TO DSCC-VQH-02-001467 (Mr. Bruce Dickerson/614-692-0595/bdi) May 23, 2002

SUBJECT: Test Optimization, MIL-PRF-38534, FSC 5962

Ms. Shelley Sinclair
Business Unit Manager
Agilent Technologies, Inc.
3175 Bowers Avenue, MS 88H
Santa Clara, CA 95054-3292

Dear Ms. Sinclair:

Your Particle Impact Noise Detection (PIND) test optimization is approved. This optimizaton allows you to eliminate PIND from your QML qualification test flow. This approval is based on the junction compound Dow Corning R6110, which covers and protects all circuitry, with the following conditions; TM 5011 is imposed on the junction compound, change notification is required on the procurement document for the junction compound, specifically no change is allowed to the composition of the compound (i.e. viscosity of uncatalyzed material, volume resistivity of catalyzed material and ionic impurities measured for Na and K). The certification is checked against the requirements at Agilent's Incoming Inspection for each incoming lot.

Should any of these conditions change or there are any customer problems related to PIND, you must reinstate PIND testing and institute other appropriate action as specified in MIL-PRF-38534. DSCC-VQ shall be notified if any of the stated changes occur.

We appreciate your taking advantage of the test optimization option. Your test optimization will be listed on the DSCC-VQ Test Optimization Report, which is posted at our web-site www.DSCCCols.com. If you have any questions relating to this matter contact Mr. Dickerson at (614) 692-0595.

Sincerely,

for
JOSEPH GEMPERLINE
Chief
Hybrid Devices Team

SUNSTAR 商斯达实业集团是集研发、生产、工程、销售、代理经销 、技术咨询、信息服务等为一体的高科技企业，是专业高科技电子产品生产厂家，是具有 10 多年历史的专业电子元器件供应商，是中国最早和最大的仓储式连锁规模经营大型综合电子零部件代理分销商之一,是一家专业代理和分銷世界各大品牌 IC 芯片和電子元器件的连锁经营綜合性国际公司，专业经营进口、国产名厂名牌电子元件，型号、种类齐全。在香港、北京、深圳、上海、西安、成都等全国主要电子市场设有直属分公司和产品展示展销窗口门市部专卖店及代理分销商,已在全国范围内建成强大统一的供货和代理分销网络。 我们专业代理经销、开发生产电子元器件、集成电路、传感器、微波光电元器件、工控机/DOC/DOM 电子盘、专用电路、单片机开发、MCU/DSP/ARM/FPGA 软件硬件、二极管、三极管、模块等，是您可靠的一站式现货配套供应商、方案提供商、部件功能模块开发配套商。商斯达实业公司拥有庞大的资料库，有数位毕业于著名高校——有中国电子工业摇篮之称的西安电子科技大学（西军电）并长期从事国防尖端科技研究的高级工程师为您精挑细选、量身订做各种高科技电子元器件，并解决各种技术问题。

微波光电部专业代理经销高频、微波、光纤、光电元器件、组件、部件、模块、整机；电磁兼容元器件、材料、设备；微波 CAD、EDA 软件、开发测试仿真工具；微波、光纤仪器仪表。欢迎国外高科技微波、光纤厂商将优秀产品介绍到中国、共同开拓市场。长期大量现货专业批发高频、微波、卫星、光纤、电视、CATV 器件： 晶振、VCO、连接器、PIN 开关、变容二极管、开关二极管、低噪晶体管、功率电阻及电容、放大器、功率管、MMIC、混频器、耦合器、功分器、振荡器、合成器、衰减器、滤波器、隔离器、环行器、移相器、调制解调器；光电子元器件和组件：红外发射管、红外接收管、光电开关、光敏管、发光二极管和发光二极管组件、半导体激光二极管和激光器组件、光电探测器和光接收组件、光发射接收模块、光纤激光器和光放大器、光调制器、光开关、DWDM 用光发射和接收器件、用户接入系统光光收发器件与模块、光纤连接器、光纤跳线/尾纤、光衰减器、光纤适 配器、光隔离器、光耦合器、光环行器、光复用器/转换器；无线收发芯片和模组、蓝牙芯片和模组。

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