



HIGH TEMPERATURE OPERATING LIFE (HTOL) TEST SERVICE

- DYNAMIC BURN-IN TESTING
- IN-HOUSE BURN-IN-BOARD DESIGN
- POWER SUPPLY AND SIGNAL MONITORING
- TEMPERATURE CONTROLLED SOCKETS
- SERIAL PROTOCOL COMMUNICATION
- ACCORDING THE JESD47 AND AEC-Q100 STANDARDS

HIGH TEMPERATURE OPERATING LIFE (HTOL) TEST SERVICE



DYNAMIC HTOL TESTING

- Dynamic vector / pattern drivers
- HTOL testing up to +175°C
- LTOL testing down to -40°C
- 3 basic HTOL systems each with 160 slots
- Two zones monitored HTOL system with 12 slots per zone
- High air flow for good temperature spreading, N2 purge option
- Continuous temperature and PS voltage and monitoring



IN-HOUSE HTOL BOARD DESIGN

- Experienced design team for HTOL and BI boards
- Double layer to 12+ multilayer boards
- Knowhow of board material, components and sockets up to +175°C
- Use of proven board manufacturers, material suppliers and assembly partners
- Consultancy of HTOL and BI board design concept



ADVANCED VECTOR DRIVER AND POWER CONTROLLER

- Basic HTOL system
 - Simple, reliable driver for half Trio-Tech board style
 - 6 power supplies, basic driver
- Advanced HTOL system
 - UDX-700 driver with 67 power supplies, 304 I/O channels
 - Up to 20 MHz digital vector rate, up to 50 MHz analog signals
 - Serial protocols like I2C, JTAG, UART, SPI
 - Temperature controlled sockets



EARLY LIFE FAILURE RATE AND SAFE LAUNCH BI

- Re-use of qualification hardware
- Same setup as qualification tests
- Optimum control and engineering support
- Simple capacity extension by additional H/W ordering
- Transparent logistics with ATE read-point location / partner
- In compliance with ISO-17025 accreditation (*)

(*) For our EN ISO/IEC 17025 accreditation scope please check our website or www.rva.nl (L388)