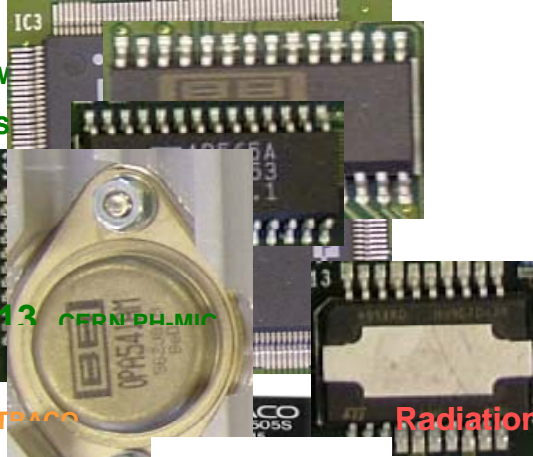


CRYO INSTRUMENTATION RADIATION TOLERANT CARDS

- CT for Temperature and Pressure
- CL for He level
- CV Valve end-switch digital readout
- CK Electrical Heater for Beam Screen
- MW WorldFIP Communication
- PA Power Supply

COMPONENTS ON THESE CARDS

- **FPGA A54SX72**, ACTEL
- **ADC ADS7807UB**, BURR-BROWN
- **DAC AD565A**, ANALOG DEVICES
- **ASIC R-PBFE**, CERN PH-MIC
- **OPA627 AU**, BURR-BROWN
- **OPA541 AM**, BURR-BROWN
- **Voltage Regulator LHC 4943**, CERN PH-MIC
- **CC131 (MicroFIP)**, ALSTOM
- **DC-DC Conv. TMH0512D**, TEXACO
- **Zenner Diode BZX84A2V4**, PHILIPS



Radiation Tolerance Test Results not found!



No Radiation Tolerance Tests performed!

CRYO INSTRUMENTATION CARDS FOR THE RADIATION PROTECTED ZONES

- CY Insulated Temperature for Current Leads
- CH Electrical Heater for Return Module

EXTRA COMPONENTS ON THESE CARDS

- Isolation Amplifier AD210AN, ANALOG DEVICES
- Digital Isolators ISO 150, BURR BROWN
- DC-DC Converter TEL3-0513, TRACO
- DC-DC Converter TMV0505S, TRACO
- ADC ADS8507B, BURR BROWN
- Solid State Relay RP1A23D6

