

ESA Radiation Database



26 January 2000

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1

Radiation Database Location

- ◆ The Radiation Database is part of the new QCA homepage hosted on the European Space Components Information Exchange System (ESCIES) server (<http://www.escies.org>), **NOT ONLINE YET**.
- ◆ The goal of the ESCIES is to contribute to the effective use of Electrical, Electronic and Electro-mechanical components in European Space programs
- ◆ Contributions to ESCIES are provided either **Privately** or **Publicly**
- ◆ When is the ESA Radiation Database available externally??? (soon)



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2

Radiation Database Structure

- ◆ All irradiation test reports are downloadable in PDF file format.
- ◆ Components are sorted by component categories (categories sorted in alphabetic order)
- ◆ Each component entry in the database includes the following information:
Description, Manufacturer, Part number, Source / User, Date and Irradiation test type
- ◆ Multiple entries of the same component are found in a lower hierarchy level
- ◆ Currently the database includes more than 200 components



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3

Maintaining the Database

- ◆ Report loading sequence: Most recent first
- ◆ Presently no intention to go back further than 1992
- ◆ Data deemed obsolete will not be included
- ◆ The database will be updated at least every three months.
- ◆ Old ESA/ESTEC-QCA database will not be available on the external server but may still be found on the internal server.
- ◆ CD-ROM version of the old database available on request.



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4

Data Sharing

Please Note:

ESCIES is conceived as an open information exchange system. Other agencies, industry and organisations are explicitly invited to contribute pertinent data. More details may be found on the ESCIES homepage.



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5

QCA Homepage

- ◆ General Information
- ◆ Radiation Database
- ◆ Standards
- ◆ Radiation Test Facilities
- ◆ Events (Presentations, Workshops ...)
- ◆ Contacts
- ◆ New Activities Initiated
- ◆ Open Tenders



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6