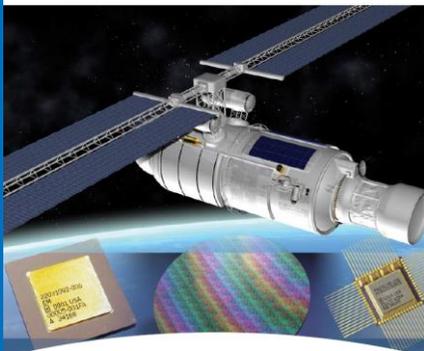


For more Honeywell Products or Short form ask Protec GmbH:



Rad Hard Microelectronics

Honeywell



SHORT-FORM PRODUCT CATALOG

A comprehensive range of radiation hardened integrated circuit solutions

Protec GmbH
 Rosenheimer Landstraße 117
 D-85521 Ottobrunn-Riemerling
 Phone: 089/6622333
 sales@protec-semi.de

Features:

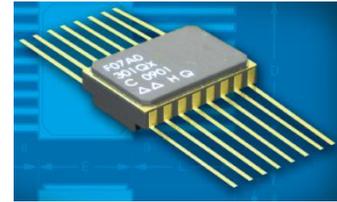
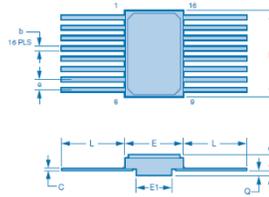
- Rad Hard: >300k Rad(Si) Total Dose
- Single +3.3 V Supply
- Common Enable Control
- High Impedance LVDS Inputs
- Tristate Output Capability
- Temperature Range: -55°C to 125°C
- Input CM Range: 0.05V to 2.35V
- Max. Operating Frequency > 100MHz
- Min. Input Differential Signal: 100mV
- Low Power

Common Receiver Enable Control(EN, EN*)

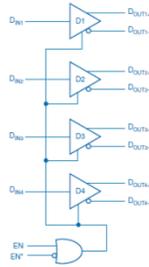
The EN and EN* inputs allow the user to put the digital outputs into high impedance tri-state mode.

Space Qualified Package
 16 lead ceramic flat pack.

RadHard Quad LVDS Driver and Receiver from Honeywell



Block Diagram



Quad LVDS Differential Line Driver 3.3V SOI CMOS

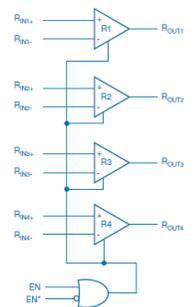
The Honeywell HXLVDS is a radiation hardened quad differential line driver with tristate outputs designed to easily interface with space a military imaging, sensor and communications systems. The HXLVDS, along with the HXLVDSR, provide an alternative to high power devices for high speed point-to-point interface

applications.



Quad LVDS Differential Line Receiver 3.3V SOI CMOS

Block Diagram



The Honeywell HXLVDSR is a radiation hardened quad differential line receiver with tristate outputs featuring four independent receivers with common receiver to enable control and high impedance output capability to enable multiplexing outputs. The HXLVDSR, along with the HXLVDS, provide an alternative to high power devices for high-speed, point-to-point interface applications.