



13000 Gregg Street, Suite C, Poway, CA 92064, USA
Tel: (631) 333-7950 | service@powerdevicecorp.com | www.powerdevicecorp.com

Power Device Corporation (PDC) appreciates your interest in our products.

Please note that the TID shielding effectiveness of our Rad-Pak package is mission-dependent, due to the variation in species and fluence of radiation found in the different regions of space.

OPTION 1:

For a fee, we can provide an analysis of the TID shielding effectiveness of our Rad-Pak package for each part number.

In order to complete the analysis, we will need the details of the mission. Please be as detailed as possible, including total dose versus shielding curve, satellite and box shielding along with any other requirements (e.g. design margin). If a mission total dose versus shielding curve is not available, we will use the provided orbit parameters, mission lifetime, design margin, satellite and box level shielding to determine TID shielding effectiveness.

OPTION 2:

If you are evaluating these parts for multiple or classified missions, or do not require us to provide you a TID shielding effectiveness analysis, we request that you check Option 2 on the TID Shielding Effectiveness Form below. In all cases, we will provide support in the form of test data, and radiation analysis support to insure that you have sufficient information to meet your radiation requirements.

All concerns or issues that surface in our analysis will be communicated back to you in an expedient manner.

A signed and dated TID Shielding Effectiveness Analysis Form will be required to process a purchase order for flight parts that use the Rad-Pak® package.



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TID SHIELDING EFFECTIVENESS ANALYSIS FORM

(PLEASE CHECK OPTION 1 OR OPTION 2 AND FILL IN APPROPRIATE INFORMATION)

Company Name: _____ Customer contact: _____
Purchase Order: _____ Quote Number: _____
Program: _____ Date: _____
Part Number: _____
Quantity: _____

OPTION 1 – RADPAK® (RP) TID SHIELDING EFFECTIVENESS ANALYSIS REQUESTED

Dose/Depth Curve Supplied?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<i>Note: If yes, we will only need the amount of satellite shielding and a copy of your dose depth curve. If "No" is checked please provide mission parameters below</i>		
Apogee/Perigee	<input type="checkbox"/> Kilometers	<input type="checkbox"/> Nautical Miles
Inclination	°	
Mission Duration	<input type="checkbox"/> Years	<input type="checkbox"/> Months
Satellite Shielding	<input type="checkbox"/> mils of Aluminum	<input type="checkbox"/> mm of Aluminum
Design Margin at package level		

OPTION 2 – NO ANALYSIS REQUIRED

We do not require a TID Shielding Effectiveness Analysis for this purchase order.

Customer Signature: _____ Date: _____
Print Name: _____