

### **Space-Grade Point-Of-Load Converters Are Sampling**

[VPT's](#) space-grade SVRPL3R306SG point-of-load converter engineering models are now available. The SVRPL series is operable over the full military temperature range (-55°C to +125°C) with no power derating and is specifically designed for the harsh radiation environment of space applications (see the figure).

It is qualified to MIL-PRF-38534 Class H and Class K, and Radiation Hardness Assurance (RHA) Level R. This series is characterized for total ionizing dose (TID) performance, including enhanced low dose rate sensitivity (ELDRS) and for single event effects (SEE). For more information, see the product [page](#) or [datasheet](#).



*Figure. The SVRPL3R306SG operates from 3.1-V to 5.5 V input, with an adjustable output from 0.8 to 3.8 V at up to 6 A of output current. It offers highly efficient operation—up to 95%.*