

6.8.3 Step-down converter

IINTEGRATEC CIRCUITS, 2A SYNCHONOUS RECTIFIED STEP-DOWN CONVERTER SPPL12420RH				376A
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 9000	Space IC GmbH Hannover Germany	Qualification	DLR	Oct 2021
Detail ESCC 9102/014		Remarks 1- TID testing performed until 40.5KRads (biased) and 100KRads (unbiased), showing performance within the specification limits. For applications beyond 43.5KRads (biased) please contact manufacturer about potential re-start limitations.  2- Variant 1's operating range of Supply Voltage in stand-by condition has been modified to a maximum of +15V in accordance with the latest edition of ESCC 9102/014 (issue 2 – January 2024) subsequent to the closure of NCCS NC2DSIC303.		
Qualified range:  Variant 01				