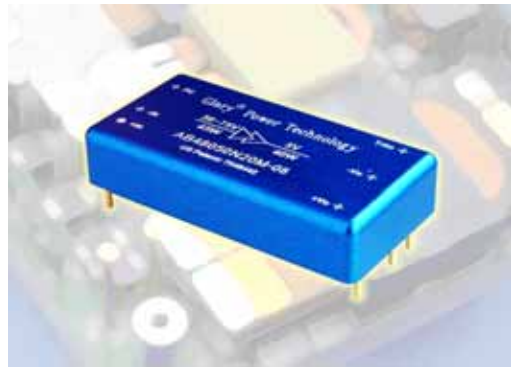


Glary Puts 40W in 2" x 1" Package for Aurora Converter

Glary Power Technology (also known as GPT, Taiwan) has again utilized its patterned “Coupled-Inductor SR” topology to re-defined regulated dc/dc converter’s power density capability in the latest released Aurora converter series. By putting up to 40W regulated power into an industrial standard B case (2" x 1" x 0.4") layout package, Aurora converter family is designed to help system designers with up to 50% of space saving for the power circuit area in the majority of the current application boards by simply a drop in replacement for system upgrade.



The coverage of Aurora converters for regulated output voltage contains from 12V down to 2.5V, and for an output current up to 10Amps, with optional input voltage coverage of either 36 ~ 75V or 18 ~ 36V, and an conversion efficiency up to 92%.

“More potentials of even further performance and feature evolvement are actually feasible for customization requirements due to its very low parts count;” commented Mr. Ming Ching Chou, Chairman and CTO of Glary Power Technology: “And such low parts count, plus its six-side enclosed mechanical design, enable our Aurora converters to work easily in a wide operating temperature range of -40 ~ +110 and MTBF as high as 7.6M hours at 25°C.”

An excellent EMI performance is with no exception featured in Glary’s Aurora converters as well. EN55022 Class B standard could be easily complied by adding a simple EMC circuit suggested by GPT. Aurora converter family also features a remote ON/OFF control in all its standard module members. 2.0KVdc isolation rating between primary to secondary, compliance to ROHS as well as international safety standards including EN60950 and CSA/UL60950, full protection functions such as OVP, OTP, OCP, SCP, input UVLO... e.t.c. are all embedded in this advanced B case package. Output voltage can also be adjusted between 90% and 110% of nominal.

Aurora is priced for OEM quantities starting at USD 28 each with standard lead-times of 6 to 8 weeks.

Glary Power Technology

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