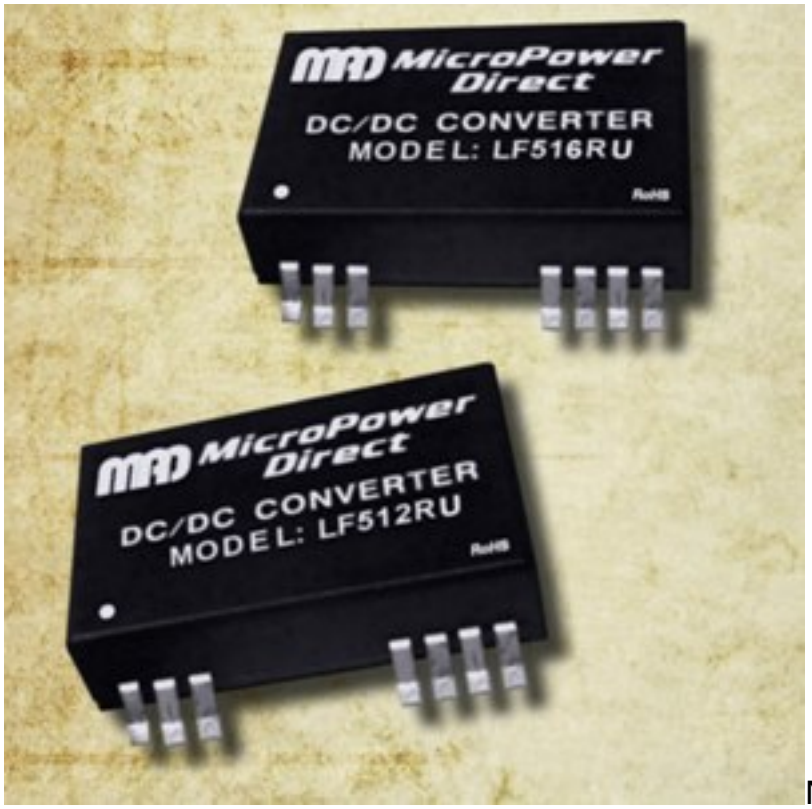
Miniature SMT Mountable 5 W DC/DC Converters



Now available from MicroPower Direct, the LF500RU series is a family of miniature SMT mountable 5W DC/DC converters. These converters combine high performance features such as a wide 4:1 input range, tight line/load regulation and low noise operation with a compact SMT package.

Fourteen models operate from wide 4:1 inputs of 9 to 18V or 18 to 75V; providing single and dual outputs of 3.3, 5, 12, 15, ±5, ±12 or ±15 VDC. Standard features include efficiency as high as 83%, an input/output isolation of 1,500 VDC and tight line/load regulation. All models have continuous short circuit protection (with autorecovery), output power protection, and include a remote On/Off control input. The MTBF (per MIL HDBK 217F) of the LF500RU series is greater than 1.0 Mhours.

The LF500RU family is packaged in a compact SMT case (compatible with automated assembly equipment). They are available on tape/reel. The pin-out is industry standard. Operation for all models is specified for operation over the wide operating temperature range of -40°C to +71°C with no derating or heat sinking required.

With its combination of high performance features, miniature size and economy, the LF500RU series is an ideal choice for a wide variety of board level applications in industrial & commercial equipment.

MicroPower Direct

www.micropowerdirect.com [1]

Source URL (retrieved on *11/28/2014 - 8:54am*):
http://www.mdtmag.com/product-releases/2013/01/miniature-smt-mountable-5-w-dc/dc-converters

Links:
[1] http://www.micropowerdirect.com