High Efficiency Synchronous Buck Converter, 12V Input to 3.3V at 22A using the TPS51117

(ACTIVE) PMP2970

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Description

PMP2970 uses the TPS51117 in a synchronous buck converter to generate 3.3V at 22A from a 12V input. The design was originally used in a notebook application which had a 3 cell lithium ion battery for the input. The TPS51117 has a light load efficiency mode to keep the no load losses low in portable applications.

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TPS51117	1.8V to 28V Input Sync. Step Down Controller with DCAP™ Mode, Optimized for Light Load Efficiency	Controller (External Switch)	Sample & Buy	View Design Kits & Evaluation Modules

CAD/CAE symbols

Part #	Package | Pins	CAD File (.bxl)	STEP Model (.stp)
TPS51117	TSSOP (PW) | 14	Download	Download
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