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4 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision C (November 2019) to Revision D	Page
• Updated the <i>Device Comparison Table</i>	3
• Added efficiency graphs to the <i>Application Curves</i>	20
Changes from Revision B (August 2019) to Revision C	Page
• Added SON-8, WCSP-6, and thermally enhanced HVSSOP-8 to <i>Features</i>	1
• Added ATEX / Intrinsic safety to <i>Applications</i>	1
• Updated Typical Application image to show TPS62842DGR device	1
• Added orderable part number TPS62841DGR to <i>Device Comparison Table</i>	3
• Added orderable part number TPS62842DGR to <i>Device Comparison Table</i>	3
• Updated <i>Thermal Information</i> values to support TPS62842DGR	6
• Added low-side MOSFET switch current limit to <i>Electrical Characteristics</i>	8
• Added TPS62841DGR to <i>Output Voltage Selection</i>	13
• Updated Efficiency Power Save graphs in <i>Application Curves</i>	20
• Updated Load Transient waveform in <i>Application Curves</i>	24
• Added PCB layout for DGR package	29
Changes from Revision A (July 2019) to Revision B	Page
• Changed Advance Information marketing status to Production Data	1

ORDERABLE PART NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT DISCHARGE	MODE PIN	STOP PIN	PACKAGE	PACKAGE MARKING
TPS62840DLC	1.8 V to 3.3 V in 100-mV steps	750 mA	yes	yes	yes	SON-8 (DLC)	E5
TPS62840YBG				no	no	WCSP-6 (YBG)	62840
TPS62841DLC	0.8 V to 1.55 V in 50-mV steps	750 mA	yes	yes	yes	SON-8 (DLC)	E9
TPS62841YBG				no	no	WCSP-6 (YBG)	62841
TPS62841DGR				yes	no	HVSSOP-8 (DGR)	62841
TPS62842DGR	1.8 V, 2.0 V, 2.2 V, 2.4 V to 3.6 V in 100-mV steps	750 mA	yes	yes	no	HVSSOP-8 (DGR)	62842
TPS62849DLC	3.4-V fixed output voltage				yes	SON-8 (DLC)	FF