

42V, 2MHz Sync Buck Family



93% Efficiency @ 2MHz and Pin-Compatible

The LT[®]8606, LT8607, LT8608 and LT8609/A join our growing family of ultralow quiescent current high voltage monolithic synchronous buck regulators. They offer 350mA, 750mA, 1.5A and 2A (3A Peak) of continuous output current and require only 2.5 μ A of quiescent current. Their low EMI design combined with spread spectrum frequency modulation minimizes noise concerns. Additionally, they provide 93% efficiency with f_{sw} of 2MHz, enabling very compact solution footprints. All are pin-to-pin compatible in the MSOP-10 package, simplifying designs.

▼ Ultra Low I_Q, High Voltage Sync Buck Family

Part Number	Output Current	Input Voltage Range	Package
LT8606	350mA	3.0V to 42V	MSOP-10, 2mm x 2mm DFN-8
LT8607	750mA	3.0V to 42V	MSOP-10, 2mm x 2mm DFN-8
LT8608	1.5A	3.0V to 42V	MSOP-10
LT8609/A	2A/3A Peak	3.0V to 42V	MSOP-10

▼ Info & Free Samples

www.linear.com/2Mhzsyncbuck
1-800-4-LINEAR

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