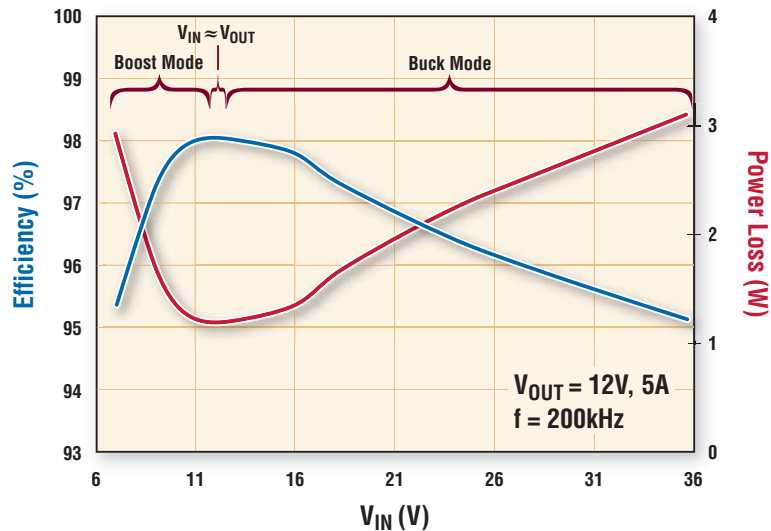


# Buck. Boost. Both.

Efficiency & Power Loss vs. Input Voltage



Actual Size



## Simplify High Power Conversion with Buck-Boost DC/DC μModule Regulators

These new DC/DC μModule<sup>®</sup> regulators do three things well: buck, boost and buck-boost. The LTM<sup>®</sup>4605, LTM4607 and LTM4609 are pin compatible with identical layout and cover voltages up to 36V<sub>IN</sub> and 34V<sub>OUT</sub>. Simply parallel them to increase the output power. They ease board layout by housing a DC/DC controller IC, four synchronous MOSFETs and compensation circuitry in a compact 15mm x 15mm x 2.8mm surface mount package.

### ▼ Pin-Compatible DC/DC Buck-Boost μModule Regulators

Part Number	LTM4609	LTM4607	LTM4605
$V_{IN}$	4.5V to 36V	4.5V to 36V	4.5V to 20V
$V_{OUT}$	0.8V to 34V	0.8V to 24V	0.8V to 16V
$I_{OUT}^*$	3A to 7A		
Output Current Sharing	Up to Four Devices for More Output Power		
Synchronous Current Mode Architecture	Yes		
PLL	200kHz to 400kHz		
Pin-Compatible Package	15mm x 15mm x 2.8mm		

\* Can be adjusted depending on external inductor. See data sheets.

### ▼ למידע נוסף

קובי גלברג 054-5206351  
איתי שקרוב 054-5206334

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