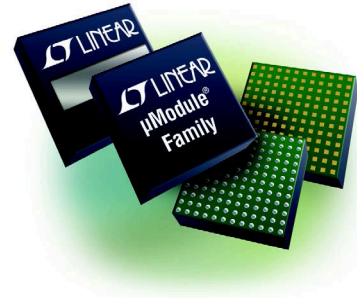


High Voltage DC/DC μModule Products

Step-Down, Step-Down with CVCC, Isolated, Buck-Boost, Inverting
(CVCC: Constant-Voltage Constant-Current)

Input: Up to 65V Abs Max
Output: Up to 48V



	Part Number		V _{IN} Range	Abs Max Voltage				V _{OUT} Range	I _{OUT}	Package Size (mm)	
				40V	42V	60V	65V				
Step-Down	LTM [®] 8053	Y	3.4V to 40V					0.97V to 18V	3.5A	6.25 x 9 x 3.32	BGA new
	LTM8050	Y	3.6V to 58V					0.8V to 24V	2A	9 x 15 x 4.92	BGA
	LTM8027	Y	4.5V to 60V					2.5V to 24V	4A	15 x 15 x 4.32 15 x 15 x 4.92	LGA BGA
Step Down: Constant-Voltage Constant-Current	LTM8026	Y	6V to 36V					1.2V to 24V	5A	11.25 x 15 x 2.82 11.25 x 15 x 3.42	LGA BGA
	LTM8052	Y	6V to 36V					1.2V to 24V	5A (Sink & Source)	11.25 x 15 x 2.82 11.25 x 15 x 3.42	LGA BGA
	LTM8064	Y	6V to 58V					1.2V to 36V	6A (Sink & Source)	16 x 11.9 x 4.92	BGA new
Isolated (2kVAC)	LTM8067	Y	2.8V to 40V					2.5V to 24V	450mA	9 x 11.25 x 4.92	BGA new
	LTM8068	Y	2.8V to 40V					V _{OUT1} : 1.2V to 18V V _{OUT2} : 2.5V to 24V	I _{OUT1} : 300mA (LDO) I _{OUT2} : 150mA	9 x 11.25 x 4.92	BGA new
Buck-Boost	LTM8054		5V to 36V					1.2V to 36V	5.4A*	11.25 x 15 x 3.42	BGA
	LTM8055		5V to 36V					1.2V to 36V	8.5A*	15 x 15 x 4.92	BGA
	LTM8056		5V to 58V					1.2V to 48V	5.5A*	15 x 15 x 4.92	BGA
Inverting											

*In Step-Down Mode



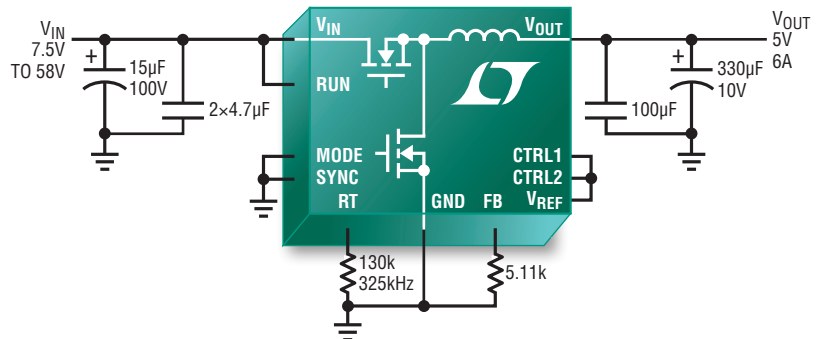
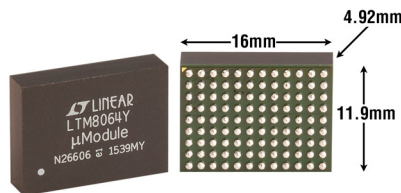
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High Voltage DC/DC μ Module Products

LTM8064

58V_{IN}, 6A CVCC Step-Down μ Module® Regulator

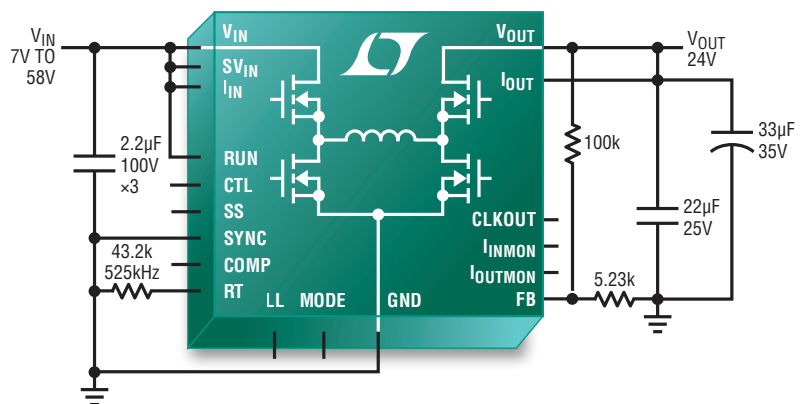
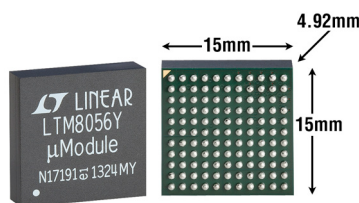
- Wide Input Voltage Range: 6V to 58V
- Wide Output Voltage Range : 1.2V to 36V
- CVCC: Constant-Voltage, Constant-Current
- 2-Quadrant: Sources and Sinks Output Current
- Parallelable for Increased Output Current, Even from Different Voltage Sources
- Adjustable Output Current Up to 7A When Sourcing or 9.1A When Sinking
- 16mm × 11.9mm × 4.92mm BGA Package



LTM8056

58V_{IN}, 48V_{OUT} Step-Up & Down μ Module Regulator

- Wide Input Voltage Range: 5V to 58V
- Wide Output Voltage Range : 1.2V to 48V
- Regulates Output Voltage Equal to, Greater or Less than Input Voltage
- Adjustable Input and Output Average Current Limits
- 15mm × 15mm × 4.92mm BGA Package



LTM8067

2.8V to 40V_{IN}, Isolated μ Module DC/DC Converter

- 2kVAC Isolated μ Module Converter
- UL60950 Recognized File 464570
- Wide Input Voltage Range: 2.8V to 40V
- Up to 450mA Output Current ($V_{IN} = 24V$, $V_{OUT} = 5V$)
- Output Adjustable from 2.5V to 24V
- 9mm × 11.25mm × 4.92mm BGA Package

