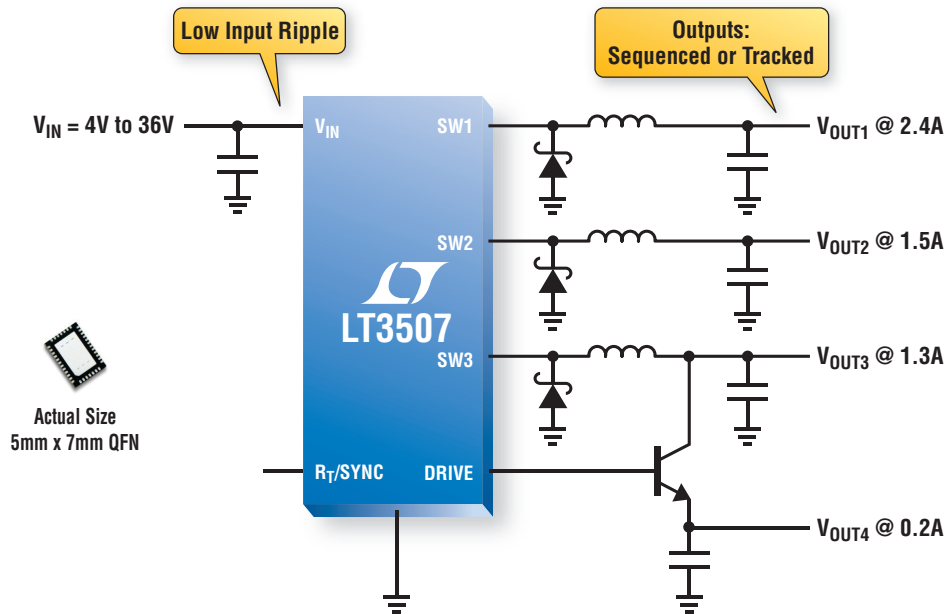


# 36V<sub>IN</sub> Multichannel Bucks



## Integrated System Solution with up to 4 Outputs

Our expanding 36V input-capable multichannel monolithic buck converters simplify system designs where multiple rails are needed. These converters, with all the necessary switches on-chip, have built-in sequencing and tracking for all outputs. Current levels ranging from a few milliamps to 2.4A can be easily delivered to the load. Switching frequencies from 250kHz to 2.5MHz allow them to operate with small value inductors and capacitors. This frequency range also makes it easy to keep any switching noise out of noise-sensitive bands such as the automotive AM frequency.

### ▼ Multichannel Buck Converters

Part Number	Topology	V <sub>IN</sub> Range	I <sub>OUT</sub> (A)	I <sub>SD</sub> (µA)	Automotive Temp Range	Package (mm)
					Max Junc Temp (°C)	
LT <sup>®</sup> 3509	Dual Step-Down Regulator	3.7V to 36V	0.70, 0.70	1	150	MSOP-16E, 3x4 DFN-14
LT3508	Dual Step-Down Regulator	3.7V to 36V	1.40, 1.40	1	150	4x4 QFN-24, TSSOP-16E
LT3506/A	Dual Step-Down Regulator	3.6V to 25V	1.60, 1.60	30	125	4x5 DFN-16, TSSOP-16E
LT1939	Step-Down Regulator + LDO Controller	3.6V to 25V	2.0	12	125	3x3 DFN-12
LT3500	Step-Down Regulator + LDO Controller	3.6V to 36V	2.0	12	150	3x3 DFN-12, MSOP-10E
LT3510	Dual Step-Down Regulator	3.3V to 25V	2.0, 2.0	10	125	TSSOP-20E
LT3501	Dual Step-Down Regulator	3.3V to 25V	3.0, 3.0	10	125	TSSOP-20E
LT3507	Triple Step-Down Regulator + LDO Controller	4V to 36V	2.4, 1.5, 1.5	1	150	5x7 QFN-38

### ▼ Info & Free Samples

[www.linear.com/3507](http://www.linear.com/3507)

1-800-4-LINEAR



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