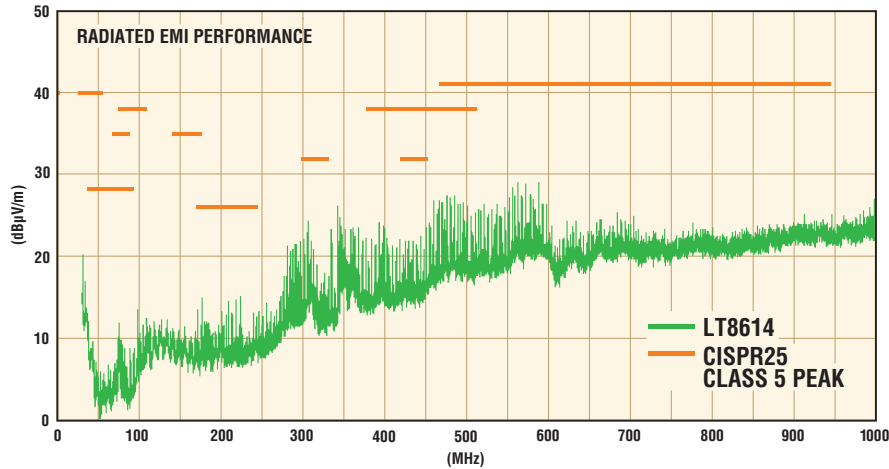


Silent Switcher™



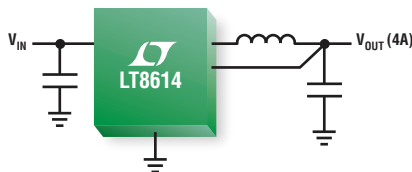
LT8614: Lowest EMI 42V, 4A Sync Buck Passes CISPR25 Class 5

- Ultralow EMI/EMC Emissions
- Passes CISPR25, Class 5 EMI
- V_{IN} Range: 3.4V to 42V
- 3mm x 4mm QFN Package
- Up to 94% Efficiency at 2MHz
- 2.5µA Quiescent Current
- 30ns Minimum On-Time
- 200mV Low Dropout

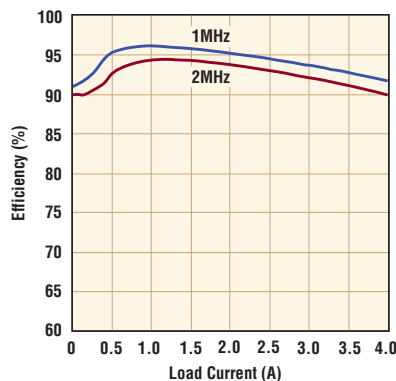
▼ Sync Buck Regulators

| Part Number | Attributes |
|-------------|--|
| LT®8610 | 42V Input, 2.5A I_{OUT} , 2.5µA I_Q |
| LT8611 | 42V Input, 2.5A I_{OUT} , 2.5µA I_Q , I_{SENSE} |
| LT8610A/AB | 42V Input, 3.5A I_{OUT} , 2.5µA I_Q |
| LT8612 | 42V Input, 6A I_{OUT} , 2.5µA I_Q |
| LT8614 | 42V Input, 4A I_{OUT} , 2.5µA I_Q , Ultralow EMC/EMI |
| LT8640* | 42V Input, 6A I_{OUT} , 3µA I_Q , Ultralow EMC/EMI |
| LT8620 | 65V Input, 2A I_{OUT} , 2.5µA I_Q |
| LT8616* | 42V Input, Dual Output 2.5A/1.5A, 5µA I_Q |

* Future product

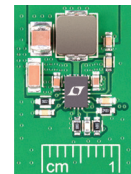


12V_{IN} to 5V_{OUT} Efficiency



▼ Info & Free Samples

www.linear.com/product/LT8614
1-800-4-LINEAR



LT8614 Solution Footprint (Actual Size)

LT, LT, LTC, LTM, Linear Technology and the Linear logo are registered trademarks and Silent Switcher is a trademark of Linear Technology Corporation. All other trademarks are the property of their respective owners.

