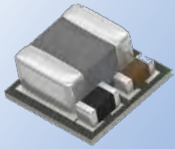


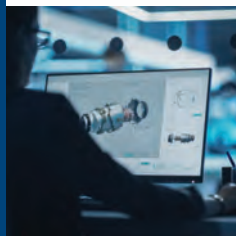


The IP&E
Specialist

DC-DC Power Management Solutions



In Stock and
Available to Sell



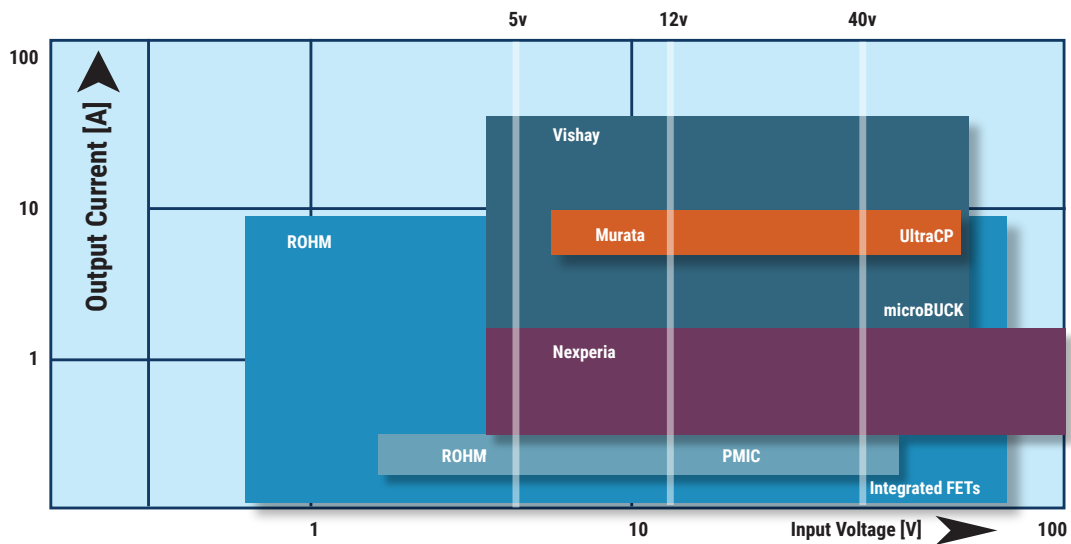
High-Efficiency Power Conversion at the Load

DC-DC Point of Load (PoL) Converters provide precise and efficient power conversion directly at the load, optimizing performance and minimizing power losses. These converters offer superior voltage regulation, faster transient response, and improved system reliability compared to traditional power architectures. By delivering the required power exactly where it is needed, PoL converters reduce the complexity of power distribution networks, lower overall system costs, and enhance energy efficiency. Whether in computing, telecommunications, or industrial applications, DC-DC PoL Converters are the optimal solution for modern high-performance electronic systems.

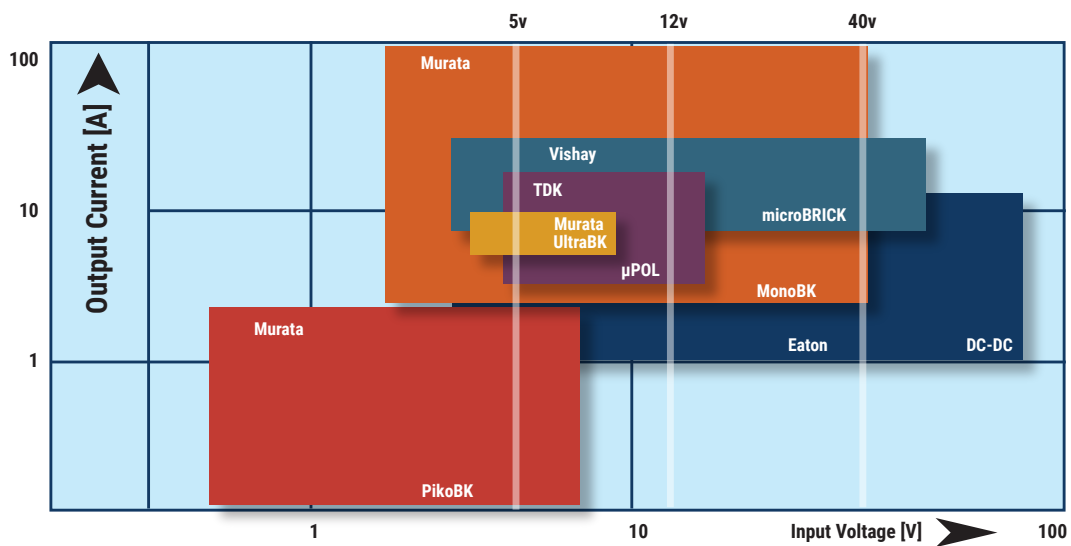
Reach your local
TTI Specialist at
1.800.CALL.TTI

tti.com

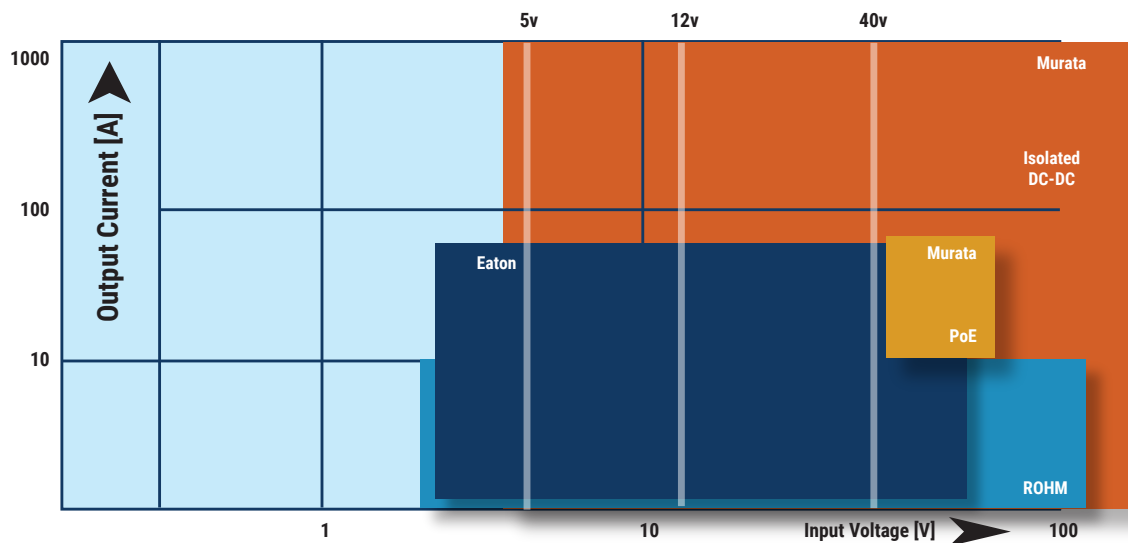
Step Down Controllers + FETs (External Inductor)



Step Down Controllers + FETs + Inductor (Integrated Modules)



Isolated Step Down DC-DC Converters





- Integrated Modules
- [Isolated/Non Isolated Converters](#)



- [LED Drivers](#)
- [Gate Drivers](#)



- [Non Isolated Module](#)
 - [Mono/PicoBK](#)
- [Isolated Module](#)
 - [Bricks, PoE](#)
- [Isolated Gate Drivers](#)
 - [MOS, SiC, GaN](#)



- [DC-DC Converters ICs](#)
 - [Buck, Boost, Buck-Boost](#)
- [Flyback Switching Converters](#)
- [USB Type C Power Delivery](#)
- [Linear Regulators \(LDOs\)](#)
- [LED Drivers](#)
- [Gate Drivers](#)
- [AECQ Qualified \(Automotive\)](#)



- Buck Converters
- Boost Converters
- Linear Regulators (LDOs)
- [AECQ Qualified \(Automotive\)](#)



- [DC-DC Converter ICs](#)
 - [Buck, Boost, Buck-Boost](#)
- [Flyback Switching Converters](#)
- [Linear Regulators \(LDOs\)](#)
- [Power Management ICs \(PMIC\)](#)
- [LED Drivers](#)
- [Gate Drivers](#)
- [AECQ Qualified \(Automotive\)](#)



[μPOL Series](#)

- Up to 16Vin/3 to 25 A
- Scalable to 200A
- Non-Isolated Step-Down
- Fully Integrated
- As Small as 3.3mm x 3.3mm
- Extensive Reference Design Library for AMD, Intel, NXP, Marvel and Cavium



- [Linear Regulators \(LDOs\)](#)
 - Low Noise, High PSRR, Small Packages



The DNA of tech.®

- [MicroBUCK](#)
 - [Integrated – External Inductor](#)
 - Up to 60Vin
- [MicroBRICK](#)
 - Fully Integrated
- [VRPower](#)
 - [DRMOS Power Stage](#)

DC-DC Point of Load Converter Portfolio

DC-DC Point of Load Converter Portfolio									
	Eaton	Littelfuse	Murata	Nexperia	PANJIT	ROHM Semiconductor	TDK	Toshiba	Vishay
Linear Regulators/LDO				◆	◆	◆		◆	
PWM Controllers									
Step-Down (Buck)						◆			
Step-Down with Integrated MOSFETs			◆	◆		◆			◆
Step-Up (Boost)/Buck-Boost				◆	◆	◆			
Modules									
Fully Integrated Modules	◆		◆					◆	◆
Isolated Modules	◆		◆						
Multi Outputs									
PMIC			◆			◆			
Control Interface									
I2C/PMBus			◆			◆	◆		◆
Specialty Converters									
Power Over Ethernet (PoE)			◆						
USB Type C				◆		◆			
LED Drivers		◆		◆		◆		◆	
Battery Management				◆					
Energy Harvesting Power Management				◆					
Gate Drivers									
MOSFETs (MOS)		◆	◆	◆		◆			
IGBT		◆	◆	◆		◆			
Silicon Carbide (SiC)		◆	◆	◆		◆			
Gallium Nitride (GaN)			◆	◆		◆			
Automotive Portfolio			◆	◆	◆	◆	◆	◆	◆

Specifications Required

1. Input Voltage (Vin)?
2. Output Voltage (Vout)?
3. Max/Typical Output Current (Iout)?
4. Integration (Fully discrete, integrated MOSFETs or Modules)
5. Need isolation?
6. Operating Temperature Range?



Call your local TTI Specialists at 1.800.CALL.TTI or visit tti.com

DC-DC Point of Load Ancillary Components

CAPACITORS										
	Chemi-Con	Knowles	KYOCERA AVX	Murata	Nichicon	Panasonic	TAIYO YUDEN	TDK	Vishay	YAGEO
Ceramic/MLCC	◆	◆	◆	◆			◆	◆	◆	◆
Tantalum/Polymer Tantalum			◆			◆			◆	◆
Aluminum Polymer	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

MAGNETICS								
	Bourns	Eaton	Murata	Panasonic	TDK	Vishay	YAGEO	
Inductors			◆	◆	◆	◆	◆	◆
Ferrite Beads			◆	◆	◆	◆	◆	◆
Transformers			◆	◆	◆		◆	◆

PROTECTION DEVICES										
	Bourns	Eaton	KYOCERA AVX	Littelfuse	Murata	Nexperia	ROHM Semiconductor	Toshiba	Vishay	YAGEO
eFuses				◆			◆	◆	◆	◆
Over Current	◆	◆	◆	◆	◆		◆		◆	◆
Over Voltage	◆	◆	◆	◆	◆		◆		◆	◆

OPTOELECTRONICS						
	Kingbright	Littelfuse	ROHM Semiconductor	Toshiba	TT Electronics	Vishay
Optocouplers	◆	◆	◆	◆	◆	◆

POWER SEMICONDUCTOR MOSFETs						
	Littelfuse	Nexperia	PANJIT	ROHM Semiconductor	Toshiba	TT Electronics
Low-Voltage <200V		◆	◆	◆		◆
High-Voltage >200V	◆		◆	◆		
Silicon Carbide (SiC)	◆	◆		◆	◆	
Gallium Nitride (GaN)		◆		◆		

