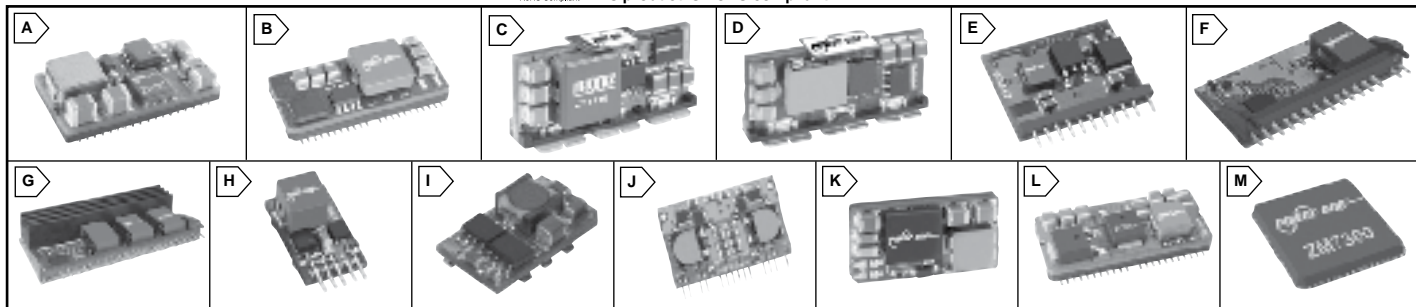


POWER-ONE DC-DC Converters

RoHS Compliant This product is RoHS compliant.



DC-DC NO-BUS POLS

Features:

- Overcurrent and overtemperature protections
- Overvoltage and undervoltage protections, and Power Good signal tracking the output voltage setpoint
- Tracking during turn-on and turn-off with guaranteed slew rates
- Sequenced and cascaded modes of operation
- Single-wire line for frequency synchronization between multiple POLs

- Programmable feedback loop compensation
- Enable control
- Flexible fault management and propagation
- Start-up into the load pre-biased up to 100%
- Current sink capability
- UL60950 recognized, CSA C22.2 No. 60950-00 certified, and TUV EN60950-1:2001 certified (pending)

Applications:

- Low voltage, high density systems with Intermediate Bus Architectures (IBA)
- Point-of-load regulators for high performance DSP, FPGA, ASIC, and microprocessor applications
- Industrial computing, servers, and storage
- Broadband, networking, optical, and wireless communications systems
- Active memory bus terminators



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Power-One Part No.	Fig.	Input Voltage (max.)	Output Voltage Nom.	Output Current Nom.	Dimensions (mm)	Operating Temp.	Price Each		
								1	10	25
784-ZY1207HG	ZY1207HG-T2	A	3V-14V	0.5V-5.5V	7A	12.5 x 22	-40-85°C			
784-ZY1015G	ZY1015G-T2	B	3V-14V	0.5V-5.5V	15A	16 x 32	-40-85°C			
784-ZY1115G-T2	ZY1115G-T2	C	3V-14V	0.5V-5.5V	15A	8 x 32	-40-85°C			
784-ZY1120G	ZY1120G-T2	D	3V-14V	0.5V-5.5V	20A	8 x 32	-40-85°C			
784-ZY2105G	ZY2105G-R1	E	8V-14V	0.5V-5.5V	5A	30.48 x 21.36	0-70°C			
784-ZY2110G	ZY2110G-R1	E	8V-14V	0.5V-5.5V	10A	30.48 x 21.33	0-70°C			
784-ZY2120G	ZY2120G-R1	F	8V-14V	0.5V-5.5V	20A	40.6 x 21.3	0-70°C			
784-ZY2160G	ZY2160G-R1	G	8V-14V	0.5V-5.5V	60A	60.96 x 31.67	0-70°C			

NON-ISOLATED POL DC-DC CONVERTERS

Features:

- Low noise fixed frequency operation
- Overcurrent, and short circuit protections with automatic restart
- Reduces board space, system cost and complexity, and time to market



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Power-One Part No.	Fig.	Input Voltage (max.)	Output Voltage Nom.	Output Current Nom.	Dimensions (mm)	Operating Temp.	Price Each		
								1	10	25
784-YY09T60-0G	YY09T60-0G	G	5V-13.8V	0.5V-2.75V	60A	65.5 x 16	0-70°C			
784-YEV09T03-0G	YEV09T03-0G	H	4.5V-13.8V	0.5V-2.75V	3A	10.4 x 10.16 x 16.51	0-70°C			
784-YEV09T06-0G	YEV09T06-0G	H	4.5V-13.8V	0.5V-2.75V	6A	10.4 x 10.16 x 16.51	0-70°C			
784-YEV09T10-0G	YEV09T10-0G	H	4.5V-13.8V	0.5V-2.75V	10A	10.4 x 10.16 x 16.51	0-70°C			
784-YM05S05-G	YM05S05-G	I	3.0V-5.5V	0.5V-2.75V	5A	20.32 x 11.43 x 6.27	-40-85°C			
784-YM12S05-G	YM12S05-G	I	9.6V-14.0V	0.5V-2.75V	5A	20.32 x 11.43 x 6.27	-40-85°C			
784-YY12T25-0G	YY12T25-0G	J	10V-14V	0.5V-2.75V	25A	31.75 x 50.8 x 8.5	-40-85°C			

DC-DC INTELLIGENT POLS

Features:

- Single-wire serial communication bus for frequency synchronization, programming, and monitoring
- Optimal voltage positioning with programmable slope of the VI line
- Overcurrent, overvoltage, undervoltage, and overtemperature protections with programmable thresholds and types
- Programmable fixed switching frequency 0.5-1.0MHz
- Programmable turn-on and turn-off delays
- Programmable turn-on and turn-off voltage slew rates with tracking protection
- Full rated current sink

- Programmable feedback loop compensation
- Power Good signal with programmable limits
- Programmable fault management
- Start up into the load pre-biased up to 100%
- Real time voltage, current, and temperature measurements, monitoring, and reporting
- UL60950 recognized, CSA C22.2 No. 60950-00 certified, and TUV EN60950-1:2001 certified



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Power-One Part No.	Fig.	Input Voltage (max.)	Output Voltage Nom.	Output Current Nom.	Dimensions (mm)	Operating Temp.	Price Each		
								1	10	25
784-ZY7007LG-T2	ZY7007LG-T2	K	3-14V	0.5V-5.5V	7A	12.5 x 22	-40-85°C			
784-ZY7010LG-T2	ZY7010LG-T2	L	3-13.2V	0.5V-5.5V	10A	16 x 32	-40-85°C			
784-ZY7115LG-T2	ZY7115LG-T2	C	3-13.2V	0.5V-5.5V	15A	8 x 32	-40-85°C			
784-ZY7120LG-T2	ZY7120LG-T2	D	3-13.2V	0.5V-5.5V	20A	8 x 32	-40-85°C			
784-ZY8105G	ZY8105G-R1	E	8-14V	0.5V-5.5V	5A	30.48 x 21.36	0-70°C			
784-ZY8110G	ZY8110G-R1	E	8-14V	0.5V-5.5V	10A	30.48 x 21.33	0-70°C			
784-ZY8120G	ZY8120G-R1	F	8-14V	0.5V-5.5V	20A	40.6 x 21.3	0-70°C			
784-ZY8160G	ZY8160G-R1	G	8-14V	0.5V-5.5V	60A	60.96 x 31.67	0-70°C			

ZM7300 Series Digital Power Manager

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Power-One Part No.	Fig.	Number of POLs	Number of Groups	Number of Interrupts	Number of Parallel Buses	Number of Auxiliary Devices	Price Each		
								1	10	25
784-ZM7308G-65502G	ZM7308G-65502G-T2	M	8	2	2	4	4			
784-ZM7316G-65503G	ZM7316G-65503G-B1	M	16	3	3	4	4			
784-ZM7332G-65504G	ZM7332G-65504G-B1	M	32	4	4	8	4			

USB-I2C Adapter for Z-One

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Power-One Part No.	Includes	Price Each		
			1	10	25
784-ZM00056-KIT	ZM00056-KIT	USB to I2C interface adapter (ZM00056) and 4-Foot I2C Cable			