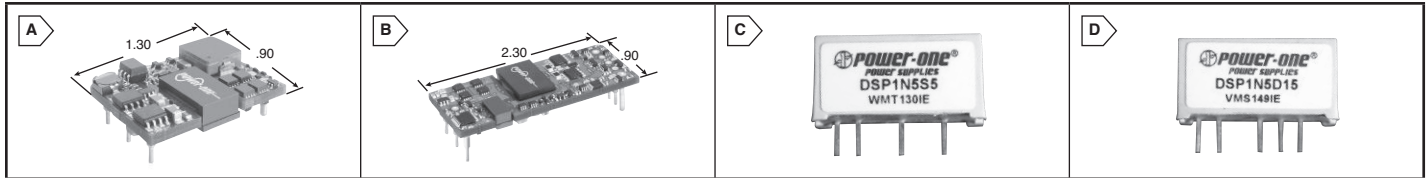


POWER-ONE DC-DC Converters

RoHS Compliant This product is RoHS compliant.



SIXTEENTH BRICK ISOLATED DC-DC CONVERTERS

Features:

- Industry-standard DOSA pinout
- Start-up into pre-biased load
- No minimum load required
- Remote sense
- On-board input differential LC-filter
- Weight: 0.44oz. (12.3g)
- Fixed-frequency operation
- High reliability



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power-One Part No.	Fig.	Input Volts (Range)	Output Voltage	Rated Load Current	On/Off Logic	Max. Height (in.)	Pin Length (in.)	Efficiency 100% Load	I/O Isolation	Price Each		
											1	10	25
784-SSQE48T15033NAAG	SSQE48T15033-NAA0G	A	36-75V	3.3V	15A	Negative	.374	.188	90%	2250VDC	46.00	41.82	38.00
784-SSQL48T20033-0G	SSQL48T20033-NAA0G	A	36-75V	3.3V	20A	Negative	0.375	0.188	91%	2250VDC	31.20	28.65	27.45
784-SSQL48T20033-BG	SSQL48T20033-NAABG	A	36-75V	3.3V	20A	Negative	0.520	0.145	91%	2250VDC	35.36	32.47	31.11
784-SSQE48T13050NABG	SSQE48T13050-NAB0G	A	36-75V	5.0V	13A	Negative	.374	.145	90%	2250VDC	50.00	45.45	43.10

SQE 1/8TH BRICK DC-DC CONVERTERS

The new high temperature 30A SQE48 Series of DC-DC converters provides a high efficiency single output, in a 1/8th brick package that is only 62% the size of the industry-standard quarter-brick. Specifically designed for operation in systems that have limited airflow and increased ambient temperatures, the SQE48T30 converters utilize the same pinout and functionality of the industry-standard quarter-bricks.

Features:

- Weight: 0.72oz. (20.6g)
- High efficiency – no heat sink required
- On-board input differential LC-filter
- Start-up into pre-biased output
- No minimum load required
- Fixed-frequency operation
- Industry standard quarter brick pinout
- Through-Hole Mounted



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power-One Part No.	Fig.	Input Range VDC	Output VDC	Output mA	Max. Power (W)	Isolation Voltage	Efficiency	Price Each				
									1	10	25		
784-SQL48T20033-0G	SQL48T20033-NDA0G	B	36-75V	3.3V	20A	Negative	0.375	0.188	91%	2250VDC	31.20	28.65	27.45
784-SQL48T20033-BG	SQL48T20033-NDABG	B	36-75V	3.3V	20A	Negative	0.375	0.188	91%	2250VDC	35.36	32.47	31.11
784-SQE48T30025-NGAG	SQE48T30025-NGA0G	B	36-75V	2.5V	30A	Negative	.407	.188	89.0%	2250VDC	74.80	68.00	64.48
784-SQE48T20120-0G	SQE48T20120-NDA0G	B	36-75V	12V	20A	Negative	0.440	0.028	94.5%	2250VDC	66.56	61.12	58.56
784-SQE48T20120-BG	SQE48T20120-NDABG	B	36-75V	13V	20A	Negative	0.500	0.028	94.5%	2250VDC	70.72	64.94	62.22

DC-DC CONVERTERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Power-One Part No.	Fig.	Input Range VDC		Output VDC	Output mA	Max. Power (W)	Isolation Voltage	Efficiency	Price Each		
			Min	Max						1	10	25
Single Output												
784-DSP1N5S5	DSP1N5S5	C	4.5	5.5	5.0	150	.75	700VDC	68%	18.15	16.50	15.71
784-DSP1N5S7	DSP1N5S7	C	4.5	5.5	7.0	140	1	700VDC	70%	18.15	16.50	15.71
784-DFC6U5S5	DFC6U5S5	C	3.5	16.0	5.0	1200	6	700VDC	77%	71.00	68.00	65.00
Dual Output												
784-DSP1N5D5	DSP1N5D5	D	4.5	5.5	±5	±75	.75	500VDC	70%	18.15	16.50	15.71
784-DSP1N5D15	DSP1N5D15	D	4.5	5.5	±15	±33	1	500VDC	70%	18.15	16.50	15.71