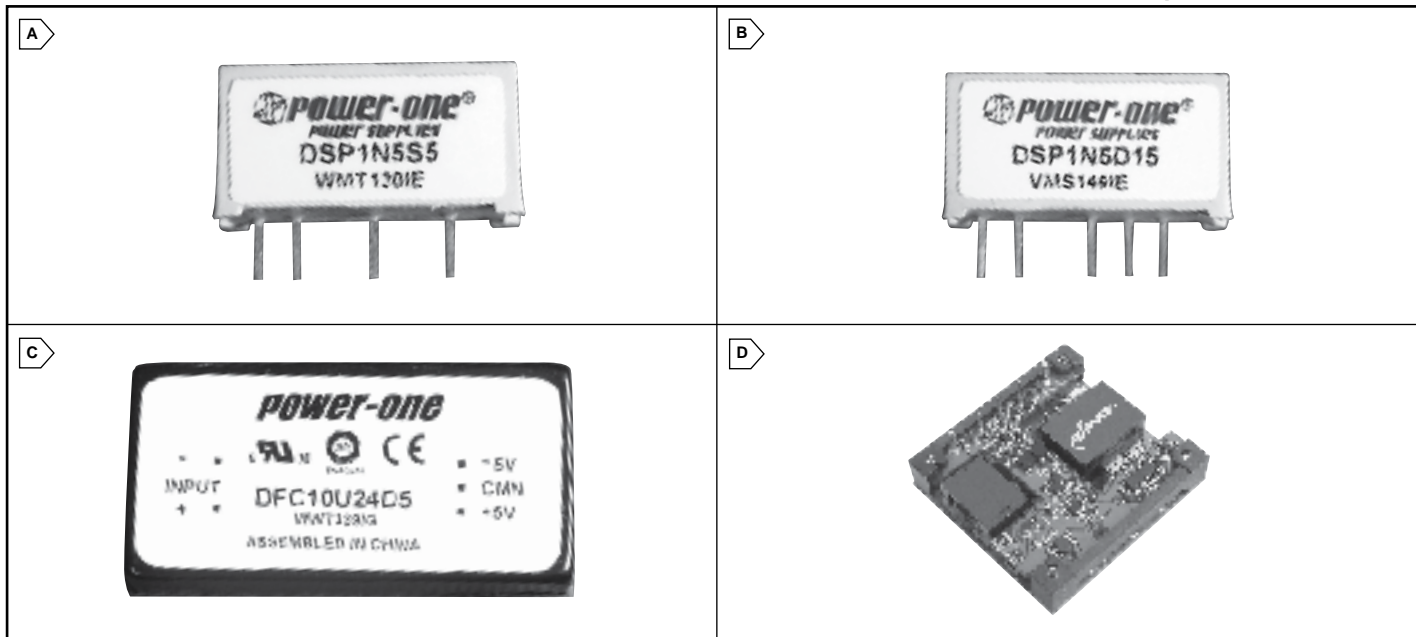


# POWER-ONE DC-DC Converters



## DC-DC CONVERTERS

### Single Output

For quantities of 50 and up, 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
<a href="#">784-DSP1N5S5</a>	DSP1N5S5	A	4.5	5.5	5.0	150	.75	700VDC	68%			
<a href="#">784-DSP1N5S7</a>	DSP1N5S7	A	4.5	5.5	7.0	140	1	700VDC	70%			
<a href="#">784-DSP1N5S12</a>	DSP1N5S12	A	4.5	5.5	12.0	80	1	700VDC	73%			
<a href="#">784-DSP1N5S15</a>	DSP1N5S15	A	4.5	5.5	15.0	65	1	700VDC	73%			
<a href="#">784-DSP1N5S17</a>	DSP1N5S17	A	4.5	5.5	17.0	60	1	700VDC	73%			
<a href="#">784-DFC6U5S5</a>	DFC6U5S5	A	3.5	16.0	5.0	1200	6	700VDC	77%			
<a href="#">784-DFC10E12S12</a>	DFC10E12S12	A	9.0	18.0	12.0	900	11	700VDC	82%			

### Dual Output

For quantities of 50 and up, 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
<a href="#">784-DSP1N5D5</a>	DSP1N5D5	B	4.5	5.5	±5	±75	.75	500VDC	70%			
<a href="#">784-DSP1N5D12</a>	DSP1N5D12	B	4.5	5.5	±12	±40	1	500VDC	70%			
<a href="#">784-DSP1N5D14</a>	DSP1N5D14	B	4.5	5.5	±14	±35	1	500VDC	70%			
<a href="#">784-DSP1N5D15</a>	DSP1N5D15	B	4.5	5.5	±15	±33	1	500VDC	70%			
<a href="#">784-DSP1N5D17</a>	DSP1N5D17	B	4.5	5.5	±17	±30	1	500VDC	70%			
<a href="#">784-DGP12U5D15</a>	DGP12U5D15	B	3.5	16.0	±15	±400	12	700VDC	78%			
<a href="#">784-DFC10U24D5</a>	DFC10U24D5	C	9.0	36.0	±5	±850	9	700VDC	79%			
<a href="#">784-DFC10U24D12</a>	DFC10U24D12	C	9.0	36.0	±12	±400	10	700VDC	78%			
<a href="#">784-DFC10U24D15</a>	DFC10U24D15	C	9.0	36.0	±15	±320	10	700VDC	78%			
<a href="#">784-DFC10U48D12</a>	DFC10U48D12	C	18.0	72.0	±12	±415	10	700VDC	78%			

## 350W HALF-BRICK, ISOLATED DC-DC CONVERTER

Provides a regulated 28V bus voltage for today's RF power amplifiers. Its design emphasis is on obtaining the best cost/performance tradeoff. The converter's output is fully isolated from the input, allowing a positive or negative output configuration and the converter to meet Basic Insulation requirements. These can be used in applications such as Cellular Infrastructure, Wireless Communications, and Telecommunications.

- Industry-standard half-brick pinout
- Delivers up to 12.5A output current
- On-board input differential LC-filter
- Startup into pre-biased load
- No minimum load required
- Dimensions: 2.40" x 2.28" x 0.50"
- Meets Basic Insulation requirements of EN60950
- Remote output voltage sense
- Positive or negative logic ON/OFF option
- Protections include: undervoltage lockout, overcurrent, overvoltage, and overtemperature
- Recognized to: UL60950-1/CSA 22.2 No. 60950-1, EN60950-1 and IEC60950-1



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Power-One Part No.	Fig.	Input Voltage	Mounting Scheme	Rated Load Current	Output Voltage	Power (W)	Price Each		
								1	10	25
<a href="#">784-HBA48T12280NCBQG</a>	HBA48T12280-NCBQG	D	36-75 V	Through Hole	12.5A	28V	350W			