

DC-to-DC Converter Modules



DESCRIPTION:

Powerex DC-to-DC Converter Modules are hybrid integrated circuits designed to provide control power for IPMs or supply isolated power for hybrid gate drivers.

FEATURES:

- 2500V Isolation Primary to Secondary
- 1500V Isolation Secondary to Secondary
- Compact Low Profile Design
- PCB Mountable

APPLICATIONS:

- IPMs for General Purpose Inverters
- Isolated Power Supply for Hybrid Gate Drivers

PRODUCT LINE UP:

| Part Number | Application | Input (V) | Output | Power (W) |
|--------------|--|-----------|-----------------------------------|-----------|
| M57140-01 | Isolated Control Power for IPMS | 20 | 1 @ +15V, 100mA 3 @ +15V, 30mA | 3 |
| M57182N-315 | Step Down Converter for ASIPMs and DIIPMs | 150-380 | 1 @ +15V, 200mA | 3 |
| M57184N-715B | Step Down Converter for ASIPMs and DIIPMs | 140-380 | 1 @ +15V, 350mA 1 @ +5V, 200mA | 6.25 |
| VLA106-15151 | Isolated Control Power for IPMS | 12-18 | 1 @ +15V, 100mA | 2.4 |
| VLA106-15242 | Isolated Control Power For Hybrid Gate Drivers | 12-18 | 1 @ +24V, 100mA | 2.4 |
| VLA106-24151 | Isolated Control Power for IPMS | 21.6-26.4 | 1 @ +15V, 100mA | 1.5 |
| VLA106-24154 | Isolated Control Power for IPMS | 21.6-26.4 | 1 @ +15V, 300mA | 4.5 |
| VLA106-24242 | Isolated Control Power For Hybrid Gate Drivers | 21.6-26.4 | 1 @ +24V, 100mA | 2.4 |

