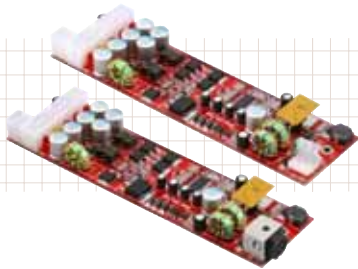


DCM-100

100W DC/DC ATX Power Converter

with 12 - 30VDC Power Input and ATX Power Output



Key Features

The DCM-100 is an industrial DC-to-DC power converter offering 100 watt of ATX-type DC power output including 5A@3.3V, 8A@5V/5Vsb, 4A@+12V and 0.5A@-12V at 45 x 165 x 15 mm of dimension for the small form factor (SFF) x86-based computing applications with ATX power requirement.

- ATX power output with 100 watt of power capacity.
- 4A MAX at +12V power output for Intel mobile Core 2 Duo, Core and Pentium M platform.

Specification

100W DC to DC power converter with 12 - 30V DC power input and 3.3V, 5V, 12V, -12V, 5Vsb ATX power output.

Power Input

12 to 30V full range DC power input (8A MAX)
Onboard Polymeric PTC (PPTC) fuse protection
External 4-pin miniDIN DC jack or internal power wafer connector

Power Output

+3.3V with 5A MAX
+5V with 8A MAX shared with 5Vsb
+12V with 4A MAX
-12V with 0.5A MAX
5Vsb with 8A MAX shared with +5V
Over / under voltage protection : all output
ESD protection : 3.3V, 5V, +12V, 5Vsb
Total power capacity : 100 watt
Internal 20-pin ATX, 4-pin +12V, dual 3-pin wafer power connectors

Dimension

45 x 165 x 15 mm (W x L x H)

Ordering Code

- DCM-100E** 100W DC/DC ATX Power Converter with External 4-pin DC Power Jack
- DCM-100J** 100W DC/DC ATX Power Converter with Internal 3/4-pin Power Wafer Connector

Mechanical Drawing

