

DCM-85

85W DC/DC Multiple Output Power Converter
with 12 - 30VDC Power Input and 5V / 12V / 5Vsb Power Output



Key Features

The DCM-85 is an industrial DC-to-DC power converter offering 85 watt of triple DC power output including 8A@5V, 4A@+12V and 4A@5Vsb and ATX-type PS-ON / Power-Good at 45 x 101.5 x 15 mm of dimension for the small form factor industrial x86-based computing applications with +5V/+12V power requirement.

- 85 watt of power capacity with 4A at +12V power output, suitable for Intel mobile Pentium M platform.
- ATX-type PS-ON, Power-Good, and 5Vsb interface.

Specification

85W DC to DC power converter with 12 - 30V DC power input, and 5V, 12V, 5Vsb DC power output with PS-ON ATX interface.

Power Input

12 - 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

+5V with 8A MAX (shared with 5Vsb)
+12V with 4A MAX
5Vsb with 4A MAX (shared with +5V)
Over / under voltage protection : all output
ESD protection : all output
Total power capacity : 85 watt
Internal 4-pin connector with 5Vsb, PS-ON, power-good, GND.
Internal +5V / +12V, 4-pin +12V, 3-pin wafer power connectors

Dimension

45 x 11.5 x 15 mm (W x L x H)

Ordering Code

DCM-85E	85W DC/DC Multiple Output Power Converter with External 4-pin DC Power Jack
DCM-85J	85W DC/DC Multiple Output Power Converter with Internal 3/4-pin Power Wafer Connector

Mechanical Drawing

