NBP1052

PICMG 1.3

RoHS FC

Main Features

- Greater powers delivery capability

- System host board and add-on card

- Follows PICMG 1.3 mount holes and compatible with 4U chassis

- Supports :
  2 PCIex16 , 3 PCIex4 , 2 PCI

- Supports +12V, -12V, -5V, 3.3V power connector

- Compliance with PICMG1.3 CPU board : PIC688

Product Overview

The NBP1052 is a 10-slot backplane with 1 SHB slot, 2 PCIex16 , 3 PCIex4 and 2 PCI slot.
And the PCIex16 slot support 1 PCIex16 or 2 PCIex8 By auto detect, provide flexible expansion options.
It follows PICMG 1.3 platform specifications and supports ATX power supply.

Specifications

System Architecture
- 10-slot backplane

Slots
- 1 SHB slot,
- 2 PCIex16 , 3 PCIex4 , 2 PCI

Power input
- 24 PIN ATX Power Connector
- 8 PIN ATX Standard Power Connector Support ±12V、
  -5V、3.3V Power Connector

Dimension
- 231 x 181(mm)

Environment
- Board level operating temperatures: 0°C to 60°C
- Storage temperatures: -20°C to 80°C
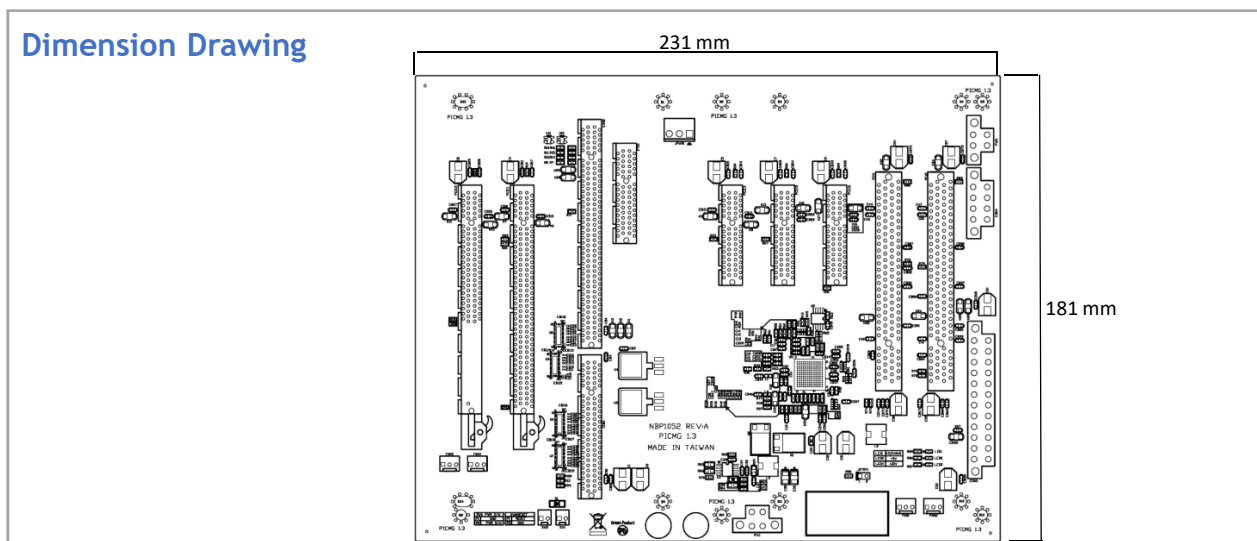- 6-layer PCB to reduce noise and keep lower impedance

Relative humidity:
- 0% to 90% (operating, non-condensing)
- 0% to 95% (non-operating, non-condensing)

Certifications
- CE approval
- FCC Class A

Dimension Drawing

231 mm

181 mm

CADMUS