

# CPCI Backplane

The nVent SCHROFF CompactPCI Backplanes have best in class signal integrity and MTBF values due to SMD components, ceramics capacitors and press fit connectors.



## CERTIFICATIONS



## FEATURES

Digital GND can be connected to/isolated from chassis GND by means of screws

V(I/O) can be set to +3.3 V or +5 V

Outer layers act as GND surfaces

Utility plug for status signals (SMCQ)

Outstanding high frequency noise suppression and very high MTBF values due to ceramic capacitors

Intelligent platform management bus (IPMB) connector to PICMG 2.9

## SPECIFICATIONS

Table 1/2

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type     | System Slot | Slot Width |
|----------------|--------------|-----------------|-------------|--------------------|-------------|------------|
| 23006-794      | Backplane    | 2               | 9U          | CompactPCI, 64-bit | Left        | 4HP        |
| 23006-799      | Backplane    | 4               | 7U          | CompactPCI, 64-bit | Left        | 4HP        |
| 23006-798      | Backplane    | 6               | 7U          | CompactPCI, 64-bit | Left        | 4HP        |

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type                     | System Slot | Slot Width |
|----------------|--------------|-----------------|-------------|------------------------------------|-------------|------------|
| 23006-797      | Backplane    | 8               | 9U          | CompactPCI, 64-bit                 | Left        | 4HP        |
| 23006-796      | Backplane    | 6               | 9U          | CompactPCI, 64-bit                 | Left        | 4HP        |
| 23006-795      | Backplane    | 4               | 7U          | CompactPCI, 64-bit                 | Left        | 4HP        |
| 23006-793      | Backplane    | 2               | 7U          | CompactPCI, 64-bit                 | Left        | 4HP        |
| 23006-792      | Backplane    | 2               | 7U          | CompactPCI, 64-bit                 | Left        | 4HP        |
| 23006-611      | Backplane    | 8               | 9U          | CompactPCI, 64-bit, PSB, H.110 Bus | Left        | 4HP        |
| 23006-601      | Backplane    | 8               | 6U          | CompactPCI, 64-bit, H.110 Bus      | Right       | 4HP        |

Table 2/2

| Catalog Number | Voltage I/O | Connector Type | Power Connector Type         | Utility Connector Type | Width    | Package Quantity |
|----------------|-------------|----------------|------------------------------|------------------------|----------|------------------|
| 23006-794      | 5V          | HM 2.0         | (1) P47                      | SMCQ, 12-pin           | 39.64mm  | 1                |
| 23006-799      | 5V          | HM 2.0         | Mini-fit 24-pin              | SMCQ, 12-pin           |          | 1                |
| 23006-798      | 5V          | HM 2.0         | Mini-fit 24-pin              | SMCQ, 12-pin           | 121mm    | 1                |
| 23006-797      | 5V          | HM 2.0         | (2) P47                      | SMCQ, 12-pin           | 161.56mm | 1                |
| 23006-796      | 5V          | HM 2.0         | (2) P47                      | SMCQ, 12-pin           | 121mm    | 1                |
| 23006-795      | 5V          | HM 2.0         | (2) P47                      | SMCQ, 12-pin           |          | 1                |
| 23006-793      | 5V          | HM 2.0         | Mini-fit 10-pin              | SMCQ, 12-pin           | 39.64mm  | 1                |
| 23006-792      | 5V          | HM 2.0         | ATX (male) Connector         |                        | 39.64mm  | 1                |
| 23006-611      | 5V          | HM 2.0         | (2) P47                      | SMCQ, 12-pin           | 161.56mm | 1                |
| 23006-601      | 5V          | HM 2.0         | Power Bugs for M4 Cable Lugs | SMCQ, 12-pin           | 161.56mm | 1                |

## ADDITIONAL PRODUCT DETAILS

Other configurations available on request.

## WARNING

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

### North America

All locations  
+1.763.422.2661  
Chat with us:  
[nvent.com/schroff](http://nvent.com/schroff)

### Europe

Straubenhardt, Germany  
+49.7082.794.0  
Betschdorf, France  
+33.3.88.90.64.90  
Warsaw, Poland  
+48.22.209.98.35  
Assago, Italy  
+39.02.932.7141  
Chat with us:  
[nvent.com/schroff](http://nvent.com/schroff)

### Asia

Shanghai, China  
+86.21.2412.6943  
Qingdao, China  
+86.532.8771.6101  
Singapore  
+65.6768.5800  
Shin-Yokohama, Japan  
+81.45.476.0271  
Chat with us:  
[nvent.com/schroff](http://nvent.com/schroff)

### Middle East & India

Dubai, United Arab Emirates  
+971.4.378.1700  
Bangalore, India  
+91.80.6715.2001  
Istanbul, Turkey  
+90.216.250.7374  
Chat with us:  
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