

Dawn VME, 3U Single Slot VPX Development Backplanes

Overview

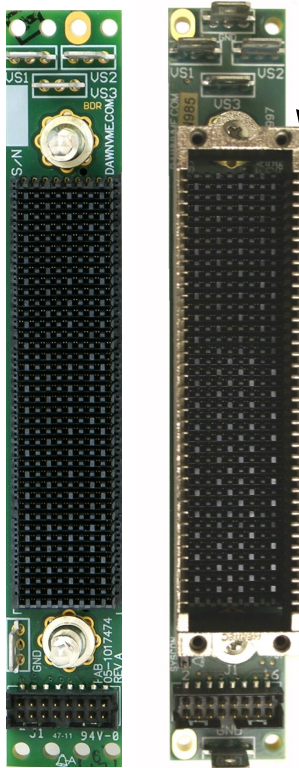
Dawn VME understands the challenges facing engineers trying to develop new systems. That is why we offer products that give engineers the tools they need in their development labs and beyond.

The single slot backplanes on this data sheet are designed to the highest standards and they offer you a host of options as you work to develop that perfect solution that will meet your customer requirements.

If you do not see the solution that meets your needs do not be afraid to ask, we are in the business of designing products to meet your specific requirements. Just call **(510) 657-4444** and ask for sales or email us your requirements at sales@dawnvme.com

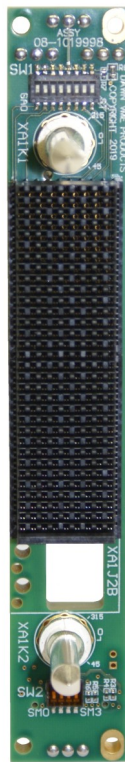
*Shown with optional
Meritec Shroud*

Vita 65



VPX-7997

Nano RF



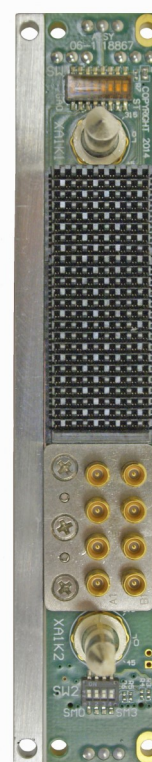
VPX-9998

Vita 67.1



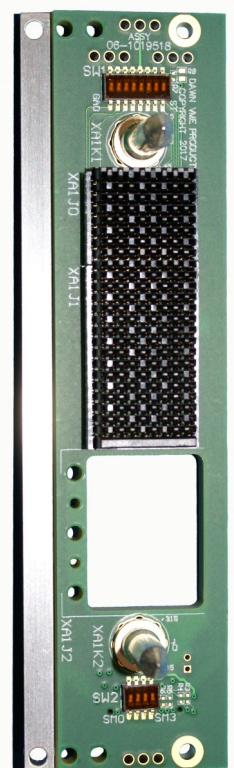
VPX-8467

Vital 67.2



VPX-8867

Vital 67.3



VPX-9518

Backplane Configuration Information

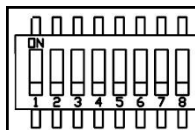
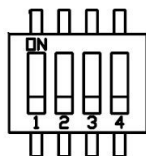
SW2 - 4-POSITION DIP

SM0 (DIP-1)

SM1 (DIP-2)

SM2 (DIP-3)

SM3 (DIP-4)



SW1 - 8-POSITION DIP

GA SETTING (DIP-1 TO DIP-6)
GLOBAL ADDRESS IS A BINARY
VALUE STARTING WITH GA0

GA0 (DIP-1)

GA1 (DIP-2)

GA2 (DIP-3)

GA3 (DIP-4)

GA4 (DIP-5)

GAP (DIP-6)

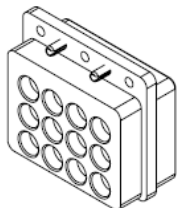
NVMRD (DIP-7)

SYSRESET (DIP-8)

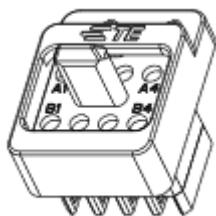
Options:

SV Microwave makes a 67.3C which has 12 coax contacts

P/N SF9321-60083



Dawn also has a NanoRF BP (for 8 coax version). (Tyco P/N 2828434-1)



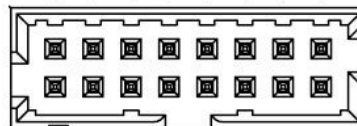
SCALE 4:1

VITA67.3a = VITA67.1

VITA67.3b = VITA67.2

AUX_+3.3V
VS3_+5V
AUX_-12V
AUX_+12V
VS1_+12V
VS2_+12V
GND
SYSRESET*

2 4 6 8 10 12 14 16



1 3 5 7 9 11 13 15

SM0
SM1
SM2
SM3
GND
P1-VBAT
NVMRD
SYS_CON

J1

CONNECTOR ON BACKPLANE
MATING CONNECTOR
MOLEX 51110-1651
WITH CONTACT
MOLEX 50394-8100