

VadaTech Inc. – Board Level Quick Reference Guide

Product Type	AMC	ATCA	FMC	CPCI	PCI	PCIe	PCI-X	VXS	Other
ADC									
Dual									
13-bit			FMC110 (Q3)						
24-bit, On-Board Altera Stratix II GX EP2SGX90								VXS501	
Quad									
With Xilinx Virtex®-5	AMC511								
AdvancedTCA Rear Transition Module									
I/O Expansion for VadaTech ATCA Carriers									
For ATC103 – (2) GbE Ports, Management 10/100Mbit Ethernet, Management RS-232 Serial Interface and (3) PCIe x4 lanes for expansion									ART103
For ATC104 - Management 10/100Mbit Ethernet, Management RS-232 serial interface and PCIe x4 lanes for expansion									ART104
For ATC104/ATC108 - Passive RTM that allows for Management RS-232 serial interface and PCIe x4 lanes for expansion									ART108
For ATC109 – (9) port Managed Layer-2 switch provides (4) GbE 10/100/1000-BaseT ports, (2) GbE fiber ports and (2) GbE to Zone (2) of the Front board (ATC109), Connection to the Shelf Management 10/100Mbit Ethernet and RS-232 debug port and a Seven port USB HUB									ART105
Common Zone 3 Pin-Out Specification									
2.5" SAS/SATA Drive, SAS Expander Connector, VGA and (3) USB 2.0									ART112
2.5" SAS/SATA Drive, Dual RS-232, VGA and (3) USB 2.0									ART113
Dual 2.5" SAS/SATA Drives (RAID 0 or 1) and PCIe Expander									ART114
Removable 2.5" SAS/SATA Drive, Dual RS-232, Dual VGA and (2) USB 2.0 and Dual 10GbE Ports									ART115

Product Type	AMC	ATCA	FMC	CPCI	PCI	PCIe	PCI-X	VXS	Other
Audio									
Multi-Purpose									
2.5 Inch SAS/SATA, Graphics and Audio	AMC607								
Carriers (to :)									
AMC		ATC104				PCI101	PCI102		
2 nd Generation (recommended for new programs)		ATC114							
Comm Express		ATC120						VXS100	
CompactPCI		ATC107							
2 nd Generation (recommended for new programs)		ATC117							
ExpressCard	AMC212								
PCIe		ATC105							
2 nd Generation (recommended for new programs)		ATC115							
With Shelf Manager		ATC109							
PCI-X		ATC108							
2 nd Generation (recommended for new programs)		ATC118							
PMC	AMC100 (Double-Width)	ATC103			PCI100	PCI104			VT802
	AMC101 (Single-Width)								
2 nd Generation (recommended for new programs)		ATC113							
VME		ATC106							
2 nd Generation (recommended for new programs)		ATC116							
Digital I/O									
Input									
16 Channel	AMC090								
24 Channel	AMC091								
Output	AMC092								
	AMC093								
Ethernet									
10-Base2 with 10-BaseT	AMC207								
100-BaseFX Ethernet	AMC208								
10/100/1000									
Dual, RJ-45 Connectors			FMC102						
Quad, RJ-45 Connectors			FMC103 (Q3)						
GbE/10GbE									
Dual, SFP/SFP+ Connectors			FMC104 (Q3)						

Product Type	AMC	ATCA	FMC	CPCI	PCI	PCIe	PCI-X	VXS	Other
Quad, SFP/SFP+ Connectors			FMC105 (Q3)						
GbE									
Dual									
RJ-45s or Fiber LC Connectors	AMC202								
RJ-45s or Fiber SFP Connectors	AMC203								
Quad									
RJ-45s or Fiber LC Connectors	AMC204								
SFP Connectors	AMC205 AMC235 (Q3)								
RJ-45 Connectors	AMC206 AMC237 (Q3)								
Octal									
RJ-45 Connectors	AMC238 (Q3)								
SFP Connectors	AMC236 (Q3)								
10GbE									
Dual									
CX4 Connectors	AMC210								
SFP+ Connectors	AMC211		FMC106 (Q3)						
QSFP+ Connectors			FMC107 (Q3)						
Quad	AMC231 (Q3)								
Media Converter									
Dual									
SFP+ and XAUI	AMC225								
1000-BaseBX to Dual Copper (GbE)	AMC213								
1000-BaseBX to Dual SFP (GbE)	AMC214								
XAUI to Dual SFP+	AMC215								
Switches									
Managed Layer 2									
8-Port , RJ21 Connectors	AMC218								
10-Port									
SFP Connectors	AMC216								
RJ-45 or Fiber LC Connectors	AMC217								
12-Port , RJ21 Connectors	AMC239 (Q3)								
13-Port , SFP+ Connectors	AMC229								
14-Port , RJ21 Connectors	AMC219								
24-Port				CP218					VT804

Product Type	AMC	ATCA	FMC	CPCI	PCI	PCIe	PCI-X	VXS	Other
26-Port									
SFP Connectors		ATC808							
RJ-45 Connectors		ATC809							
Managed Layer 3									
48-Port		ATC800							
FPGA									
Xilinx Virtex®-5									
Carrier	AMC510								
ADC, Quad	AMC511								
Xilinx Virtex®-6									
Carrier, DDR-III and QDR-II+ Memory, On-Board P1020 Processor	AMC513 (under NDA)								
Carrier, DDR-III Memory, On-Board P1020 Processor	AMC514								
Graphics									
DVI/VGA				CP341					
Dual DVI/VGA Video Adapter based on ATI Radeon™ X300	AMC340								
Dual DVI/VGA Video Adapter based ATI Radeon™ E2400	AMC341								
Dual Channel, Dual Link DVI/VGA based ATI Radeon™E4690	AMC342								
Dual Channel, Dual Link DVI/VGA based ATI Radeon™ HD 3650	AMC345								
ATI Radeon™ HD 5770	AMC346 (Q3)								
Multi-Purpose									
2.5 Inch SAS/SATA, Graphics and USB 2.0	AMC604								
2.5 Inch SAS/SATA, Graphics and Audio	AMC607								
2.5 Inch SAS/SATA, Graphic and USB	AMC608								
Video Converter, VGA to RGB	AMC900								
Management Controller									
ATCA/MicroTCA Shelf									VT001
2nd Generation (recommended for new programs)									VT002
MicroTCA Infrastructure									
MCH									
Commercial									
Front GbE Switch Fabric (RJ-45), SAS/SATA Expander (I-Pass), Fabric - PCIe, SRIO or XAUI (I-Pass)	UTC001								
Front Dual GbE Switch Fabric (RJ-45), Fabric - PCIe, SRIO or XAUI (QSFP or SFP+)	UTC002								
Conduction Cooled	UTC003								

Product Type	AMC	ATCA	FMC	CPCI	PCI	PCIe	PCI-X	VXS	Other
Power Module									
Commercial									
48v, 396/792W	UTC010								
24v, 241/460W	UTC012								
Conduction Cooled	UTC011								
JTAG Switch Module (JSM)	UTC007								
	UTC008								
GPS Disciplined Oscillator	AMC003								
Load Module	AMC001								
Telco/Fabric	AMC002								
Time and Frequency	AMC004								
Processors									
PPC - Freescale									
PowerQUICC II Pro MPC8315E	AMC715								
Dual-Core QorIQ™ P2020	AMC717 (Q3)								
Quad-Core QorIQ P4040	AMC718 (Q3)								
Eight-Core P4080 Processor	AMC719 (Q3)								
OCTEON (Cavium)									
OCTEON™ Plus CN56XX/ CN57XX Multi-Core MIPS64									
Front Quad GbE SFP+	AMC222								
Front Single 10GbE SFP+	AMC220								
Front Dual 10GbE SFP+	AMC221								
OCTEON II CN63XX Multi-Core MIPS64	AMC730 (Q3)								
Intel®									
Core™ i7	AMC720 (Q3)								
XEON	AMC724 (Q3)								
Serial									
FireWire, IEEE 1394	AMC311								
InfiniBand	AMC330								
RS-232									
8 Port									
High-Density SCSI Connector	AMC300								
High Density DB-100 Connector	AMC302								
16 Port	AMC301								
RS-422/485									
8 Port									
High-Density SCSI Connector	AMC320								
High Density DB-100 Connector	AMC322								
16 Port	AMC321								

Product Type	AMC	ATCA	FMC	CPCI	PCI	PCIe	PCI-X	VXS	Other
Multi-Port	AMC325								
USB									
Five Port	AMC310								
Media Converter									
USB 1.1 to Fiber Media									VT080
USB 1.1 Fiber Media to Copper HUB									VT081
USB 1.1 Fiber Media to Copper HUB, Stand-Alone									VT082
Multi- Purpose									
2.5 Inch SAS/SATA, Graphics and USB 2.0	AMC604								
2.5 Inch SAS/SATA, Graphic and USB	AMC608								
Shelf Manager - Radial and Bused									
Vendor Specific									
Elma									VT019 (Q3)
Intel Compatible									
MPCMM0001 Chassis Management Module									VT005
MPCMM0002 Chassis Management Module, VT001									VT008
Second Generation, VT002									VT018
Kaparel									VT006
LCR									VT004
									VT014
Storage									
SAS									
2.5 Inch SAS Drive	AMC605								
2.5 Inch SAS Drive with Expansion	AMC606								
SATA									
2.5 Inch Drive Module	AMC600								
1.8 Inch Dual Drive Module	AMC601								
CompactFlash w/ 2.5 Inch SATA Drive Module	AMC602								
2.5 Inch Dual Drives Module	AMC603								
Multi- Purpose									
2.5 Inch SAS/SATA, Graphics and USB 2.0	AMC604								
2.5 Inch SAS/SATA, Graphics and Audio	AMC607								
2.5 Inch SAS/SATA, Graphic and USB	AMC608								
WiFi									
Wireless Access Point (WAP) WiFi	AMC228								

**New product - call VadaTech for release details.
Available under NDA**