AM4330

IPSec Module Advanced Mezzanine Card

kontron

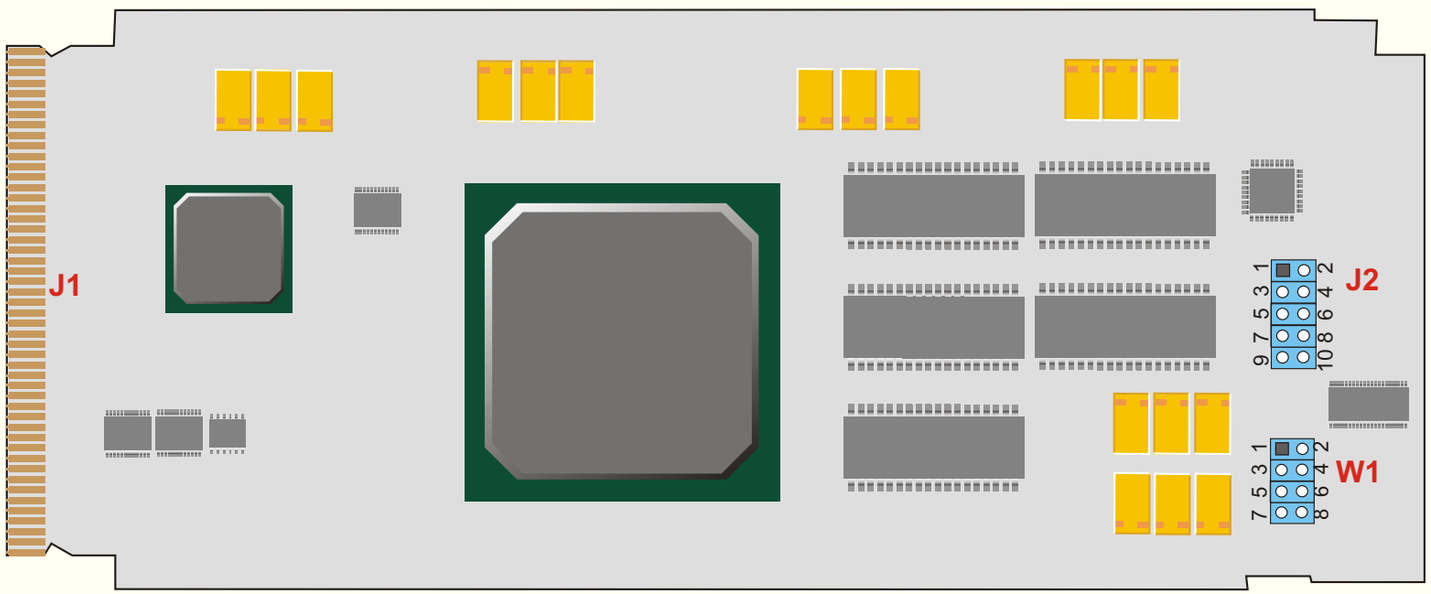
Board Rev. 1

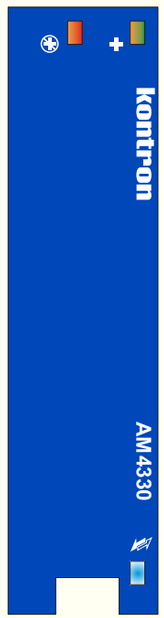
QUICK REFERENCE

Document version 1.1

CONNECTORS

J1	AMC Connector
J2	Reserved
W1	Reserved





Symbols Chart

- Hot Swap
- Out Of Service
- Healthy

LEDs Signification available on back.

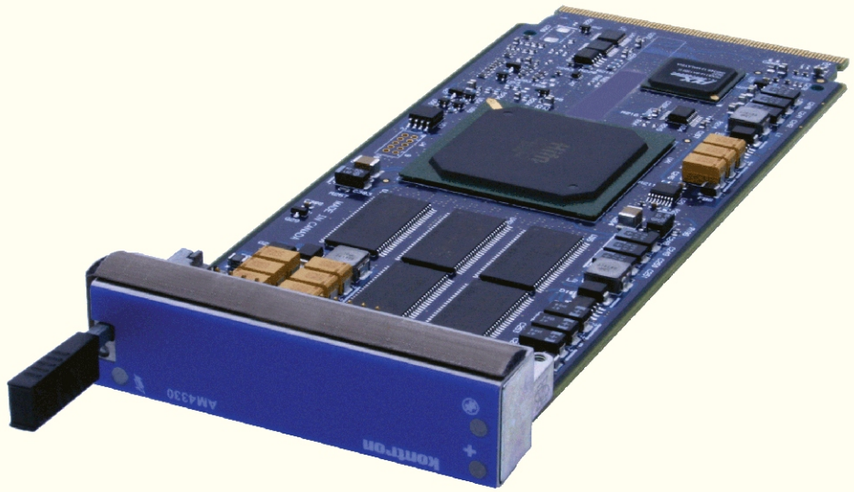
Connector Pinouts

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J1 - AMC Connector

B1	GND	B43	GND	B86	GND	B129	RxD15-(N.C.)
B2	12V	B44	TxD4+	B87	RxD8-(N.C.)	B130	RxD15+(N.C.)
B3	PS1#	B45	TxD4-	B88	RxD8+(N.C.)	B131	GND
B4	MP_3V3	B46	GND	B89	GND	B132	TxD15-(N.C.)
B5	GA0	B47	RxD4+	B90	TxD8-(N.C.)	B133	TxD15+(N.C.)
B6	RSV	B48	RxD4-	B91	TxD8+(N.C.)	B134	GND
B7	GND	B49	GND	B92	GND	B135	RxD16-(N.C.)
B8	RSV	B50	TxD5+	B93	RxD9-(N.C.)	B136	RxD16+(N.C.)
B9	12V	B51	TxD5-	B94	RxD9+(N.C.)	B137	GND
B10	GND	B52	GND	B95	GND	B138	TxD16-(N.C.)
B11	TxD0+(N.C.)	B53	RxD5+	B96	TxD9-(N.C.)	B139	TxD16+(N.C.)
B12	TxD0-(N.C.)	B54	RxD5-	B97	TxD9+(N.C.)	B140	GND
B13	GND	B55	GND	B98	GND	B141	RxD17-(N.C.)
B14	RxD0+(N.C.)	B56	IPMI_CLK	B99	RxD10-(N.C.)	B142	RxD17+(N.C.)
B15	RxD0- (N.C.)	B57	12V	B100	RxD10+(N.C.)	B143	GND
B16	GND	B58	GND	B101	GND	B144	TxD17-(N.C.)
B17	GA1	B59	TxD6+	B102	TxD10-(N.C.)	B145	TxD17+(N.C.)
B18	12V	B60	TxD6-	B103	TxD10+(N.C.)	B146	GND
B19	GND	B61	GND	B104	GND	B147	RxD18-(N.C.)
B20	TxD1+(N.C.)	B62	RxD6+	B105	RxD11-(N.C.)	B148	RxD18+(N.C.)
B21	TxD1- (N.C.)	B63	RxD6-	B106	RxD11+(N.C.)	B149	GND
B22	GND	B64	GND	B107	GND	B150	TxD18-(N.C.)
B23	RxD1+(N.C.)	B65	TxD7+	B108	TxD11-(N.C.)	B151	TxD18+(N.C.)
B24	RxD1-(N.C.)	B66	TxD7-	B109	TxD11+(N.C.)	B152	GND
B25	GND	B67	GND	B110	GND	B153	RxD19-(N.C.)
B26	GA2	B68	RxD7+	B111	RxD12-(N.C.)	B154	RxD19+(N.C.)
B27	12V	B69	RxD7-	B112	RxD12+(N.C.)	B155	GND
B28	GND	B70	GND	B113	GND	B156	TxD19-(N.C.)
B29	TxD2+(N.C.)	B71	IPMI_DATA	B114	TxD12-(N.C.)	B157	TxD19+(N.C.)
B30	TxD2-(N.C.)	B72	12V	B115	TxD12+(N.C.)	B158	GND
B31	GND	B73	GND	B116	GND	B159	RxD20-(N.C.)
B32	RxD2+(N.C.)	B74	CLKA+(N.C.)	B117	RxD13-(N.C.)	B160	RxD20+(N.C.)
B33	RxD2-(N.C.)	B75	CLKA-(N.C.)	B118	RxD13+(N.C.)	B161	GND
B34	GND	B76	GND	B119	GND	B162	TxD20-(N.C.)
B35	TxD3+(N.C.)	B77	CLKB+(N.C.)	B120	TxD13-(N.C.)	B163	TxD20+(N.C.)
B36	TxD3-(N.C.)	B78	CLKB-(N.C.)	B121	TxD13+(N.C.)	B164	GND
B37	GND	B79	GND	B122	GND	B165	TCLK
B38	RxD3+(N.C.)	B80	REFCLK+	B123	RxD14-(N.C.)	B166	TMS
B39	RxD3-(N.C.)	B81	REFCLK-	B124	RxD14+(N.C.)	B167	TRST#
B40	GND	B82	GND	B125	GND	B168	TDO
B41	ENABLE#	B83	PS0#	B126	TxD14-(N.C.)	B169	TDI
B42	12V	B84	12V	B127	TxD14+(N.C.)	B170	GND
		B85	GND	B128	GND		

LEDs Signification

Hot Swap (Blue)

Solid On (100 % on): FRU Inactive
Long Blink (90 % on): FRU Activation Request
Solif Off (0 % on): FRU Activation In Progress / FRU Active
Short Blink (10 % on): FRU Deactivation Request / FRU Deactivation In Progress

Out of service (Red/Amber) [default : red]

Solid On : IPMC in reset
Fast Blink (~50 % on): IPMC upgrade/rollback in progress
Short Blink (10 % on): FRU Power Denied
Application Defined : May be controlled by application using PICMG API

Health Led & HDD Activity (Amber/Green) [default : green]

Green : Health Ok
Amber : Health Error (Critical) / Payload power down or in reset
Application Defined : May be controlled by application using PICMG API
Blink : HDD Activity

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The Quick Reference Sheet can be downloaded from the Kontron web site at:
http://www.kontron.com
or from Kontron FTP site at:
ftp://ftp.kontron.ca/Support/

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1016-2656