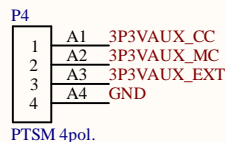
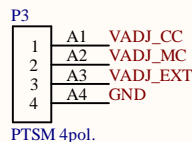
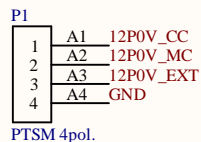
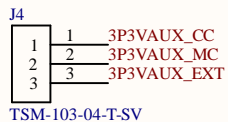
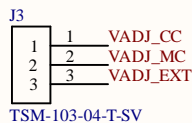
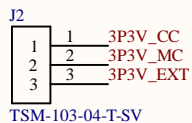
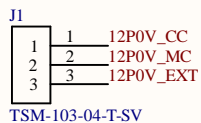


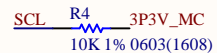
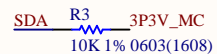
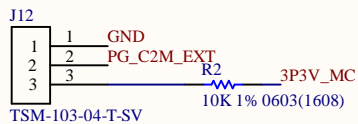
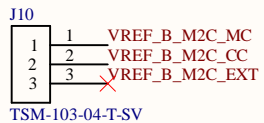
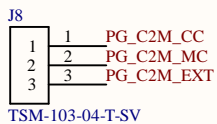
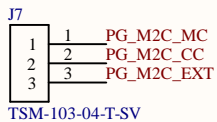
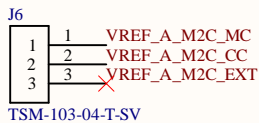
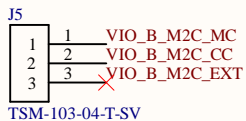
Power connectors (front)



Jumpers (3 pins)

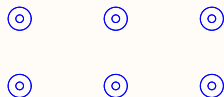


Terminology:
CC = Carrier Card
MC = Mezzanine Card
EXT = External

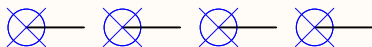


VIO_B_M2C_EXT
VREF_A_M2C_EXT
VREF_B_M2C_EXT
have no connectors,
they are routed to VIAs

Fiducial marks



Mounting holes (commercial grade mounting)



I A M
ELECTRONIC

Title: Front panel connectors, Jumpers, Mounting holes, and Fiducials

Project: FMC Power Module

Website: www.fmchub.com

Date: 20.05.2022

Engineer: PFH

Rev: A

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I A M
ELECTRONIC
Instrumentation And Measurement Electronics

P5A			P6A
GND	A1	GND	A1
DP1_M2C_P	A2		A2
DP1_M2C_N	A3		A3
GND	A4	GND	A4
GND	A5	GND	A5
DP2_M2C_P	A6		A6
DP2_M2C_N	A7		A7
GND	A8	GND	A8
GND	A9	GND	A9
DP3_M2C_P	A10		A10
DP3_M2C_N	A11		A11
GND	A12	GND	A12
GND	A13	GND	A13
DP4_M2C_P	A14		A14
DP4_M2C_N	A15		A15
GND	A16	GND	A16
GND	A17	GND	A17
DP5_M2C_P	A18		A18
DP5_M2C_N	A19		A19
GND	A20	GND	A20
GND	A21	GND	A21
DP1_C2M_P	A22		A22
DP1_C2M_N	A23		A23
GND	A24	GND	A24
GND	A25	GND	A25
DP2_C2M_P	A26		A26
DP2_C2M_N	A27		A27
GND	A28	GND	A28
GND	A29	GND	A29
DP3_C2M_P	A30		A30
DP3_C2M_N	A31		A31
GND	A32	GND	A32
GND	A33	GND	A33
DP4_C2M_P	A34		A34
DP4_C2M_N	A35		A35
GND	A36	GND	A36
GND	A37	GND	A37
DP5_C2M_P	A38		A38
DP5_C2M_N	A39		A39
GND	A40	GND	A40

MC-HPC-10

CC-HPC-10

P5B			P6B
RES1	B1		B1
GND	B2	GND	B2
GND	B3	GND	B3
DP9_M2C_P	B4		B4
DP9_M2C_N	B5		B5
GND	B6	GND	B6
GND	B7	GND	B7
DP8_M2C_P	B8		B8
DP8_M2C_N	B9		B9
GND	B10	GND	B10
GND	B11	GND	B11
DP7_M2C_P	B12		B12
DP7_M2C_N	B13		B13
GND	B14	GND	B14
GND	B15	GND	B15
DP6_M2C_P	B16		B16
DP6_M2C_N	B17		B17
GND	B18	GND	B18
GND	B19	GND	B19
GBTCLK1_M2C_P	B20		B20
GBTCLK1_M2C_N	B21		B21
GND	B22	GND	B22
GND	B23	GND	B23
DP9_C2M_P	B24		B24
DP9_C2M_N	B25		B25
GND	B26	GND	B26
GND	B27	GND	B27
DP8_C2M_P	B28		B28
DP8_C2M_N	B29		B29
GND	B30	GND	B30
GND	B31	GND	B31
DP7_C2M_P	B32		B32
DP7_C2M_N	B33		B33
GND	B34	GND	B34
GND	B35	GND	B35
DP6_C2M_P	B36		B36
DP6_C2M_N	B37		B37
GND	B38	GND	B38
GND	B39	GND	B39
RES0	B40		B40

MC-HPC-10

CC-HPC-10

Title: HPC connector ROW A and ROW B

Project: FMC Power Module

Website: www.iamelectronic.com

Date: 20.05.2022

Engineer: PFH

Rev: A

Sheet: 2 / 6



P5C			P6C
GND	C1	GND	C1
DP0_C2M_P	C2		C2
DP0_C2M_N	C3		C3
GND	C4	GND	C4
GND	C5	GND	C5
DP0_M2C_P	C6		C6
DP0_M2C_N	C7		C7
GND	C8	GND	C8
GND	C9	GND	C9
LA06_P	C10		C10
LA06_N	C11		C11
GND	C12	GND	C12
GND	C13	GND	C13
LA10_P	C14		C14
LA10_N	C15		C15
GND	C16	GND	C16
GND	C17	GND	C17
LA14_P	C18		C18
LA14_N	C19		C19
GND	C20	GND	C20
GND	C21	GND	C21
LA18_P_CC	C22		C22
LA18_N_CC	C23		C23
GND	C24	GND	C24
GND	C25	GND	C25
LA27_P	C26		C26
LA27_N	C27		C27
GND	C28	GND	C28
GND	C29	GND	C29
SCL	C30	SCL	C30
SDA	C31	SDA	C31
GND	C32	GND	C32
GND	C33	GND	C33
GA0	C34		C34
12P0V	C35	12P0V_CC	12P0V_MC C35
GND	C36	GND	C36
12P0V	C37	12P0V_CC	12P0V_MC C37
GND	C38	GND	C38
3P3V	C39	3P3V_CC	3P3V_MC C39
GND	C40	GND	C40

MC-HPC-10

CC-HPC-10

P5D			P6D
PG_C2M	D1	PG_C2M_CC	PG_C2M_MC D1
GND	D2	GND	D2
GND	D3	GND	D3
GBTCLK0_M2C_P	D4		D4
GBTCLK0_M2C_N	D5		D5
GND	D6	GND	D6
GND	D7	GND	D7
LA01_P_CC	D8		D8
LA01_N_CC	D9		D9
GND	D10	GND	D10
LA05_P	D11		D11
LA05_N	D12		D12
GND	D13	GND	D13
LA09_P	D14		D14
LA09_N	D15		D15
GND	D16	GND	D16
LA13_P	D17		D17
LA13_N	D18		D18
GND	D19	GND	D19
LA17_P_CC	D20		D20
LA17_N_CC	D21		D21
GND	D22	GND	D22
LA23_P	D23		D23
LA23_N	D24		D24
GND	D25	GND	D25
LA26_P	D26		D26
LA26_N	D27		D27
GND	D28	GND	D28
TCK	D29	TCK	D29
TDI	D30	TDI	D30
TDO	D31	TDO	D31
3P3VAUX	D32	3P3VAUX_CC	3P3VAUX_MC D32
TMS	D33	TMS	D33
TRST_L	D34	TRST_L	D34
GA1	D35		D35
3P3V	D36	3P3V_CC	3P3V_MC D36
GND	D37	GND	D37
3P3V	D38	3P3V_CC	3P3V_MC D38
GND	D39	GND	D39
3P3V	D40	3P3V_CC	3P3V_MC D40

MC-HPC-10

CC-HPC-10

Title: HPC connector ROW C and ROW D

Project: FMC Power Module

Website: www.iamelectronic.com

Date: 20.05.2022

Engineer: PFH

Rev: A

Sheet: 3 / 6



P5E			P6E
GND	E1	GND	E1
HA01_P_CC	E2	GND	E2
HA01_N_CC	E3	GND	E3
GND	E4	GND	E4
GND	E5	GND	E5
HA05_P	E6	GND	E6
HA05_N	E7	GND	E7
GND	E8	GND	E8
HA09_P	E9	GND	E9
HA09_N	E10	GND	E10
GND	E11	GND	E11
HA13_P	E12	GND	E12
HA13_N	E13	GND	E13
GND	E14	GND	E14
HA16_P	E15	GND	E15
HA16_N	E16	GND	E16
GND	E17	GND	E17
HA20_P	E18	GND	E18
HA20_N	E19	GND	E19
GND	E20	GND	E20
HB03_P	E21	GND	E21
HB03_N	E22	GND	E22
GND	E23	GND	E23
HB05_P	E24	GND	E24
HB05_N	E25	GND	E25
GND	E26	GND	E26
HB09_P	E27	GND	E27
HB09_N	E28	GND	E28
GND	E29	GND	E29
HB13_P	E30	GND	E30
HB13_N	E31	GND	E31
GND	E32	GND	E32
HB19_P	E33	GND	E33
HB19_N	E34	GND	E34
GND	E35	GND	E35
HB21_P	E36	GND	E36
HB21_N	E37	GND	E37
GND	E38	GND	E38
VADJ	E39	GND	E39
GND	E40	GND	E40

MC-HPC-10

CC-HPC-10

P5F			P6F
PG_M2C	F1	PG_M2C_CC	F1
GND	F2	GND	F2
GND	F3	GND	F3
HA00_P_CC	F4	GND	F4
HA00_N_CC	F5	GND	F5
GND	F6	GND	F6
HA04_P	F7	GND	F7
HA04_N	F8	GND	F8
GND	F9	GND	F9
HA08_P	F10	GND	F10
HA08_N	F11	GND	F11
GND	F12	GND	F12
HA12_P	F13	GND	F13
HA12_N	F14	GND	F14
GND	F15	GND	F15
HA15_P	F16	GND	F16
HA15_N	F17	GND	F17
GND	F18	GND	F18
HA19_P	F19	GND	F19
HA19_N	F20	GND	F20
GND	F21	GND	F21
HB02_P	F22	GND	F22
HB02_N	F23	GND	F23
GND	F24	GND	F24
HB04_P	F25	GND	F25
HB04_N	F26	GND	F26
GND	F27	GND	F27
HB08_P	F28	GND	F28
HB08_N	F29	GND	F29
GND	F30	GND	F30
HB12_P	F31	GND	F31
HB12_N	F32	GND	F32
GND	F33	GND	F33
HB16_P	F34	GND	F34
HB16_N	F35	GND	F35
GND	F36	GND	F36
HB20_P	F37	GND	F37
HB20_N	F38	GND	F38
GND	F39	GND	F39
VADJ	F40	GND	F40

MC-HPC-10

CC-HPC-10

Title: HPC connector ROW E and ROW F

Project: FMC Power Module

Website: www.iamelectronic.com

Date: 20.05.2022

Engineer: PFH

Rev: A

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1	2	3	4																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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<div>P5G</div> <table><tr><td>GND</td><td>G1</td><td>GND</td><td>G1</td><td>GND</td></tr><tr><td>CLK1_M2C_P</td><td>G2</td><td></td><td>G2</td><td>CLK1_M2C_P</td></tr><tr><td>CLK1_M2C_N</td><td>G3</td><td></td><td>G3</td><td>CLK1_M2C_N</td></tr><tr><td>GND</td><td>G4</td><td>GND</td><td>G4</td><td>GND</td></tr><tr><td>GND</td><td>G5</td><td>GND</td><td>G5</td><td>GND</td></tr><tr><td>LA00_P_CC</td><td>G6</td><td></td><td>G6</td><td>LA00_P_CC</td></tr><tr><td>LA00_N_CC</td><td>G7</td><td></td><td>G7</td><td>LA00_N_CC</td></tr><tr><td>GND</td><td>G8</td><td>GND</td><td>G8</td><td>GND</td></tr><tr><td>LA03_P</td><td>G9</td><td></td><td>G9</td><td>LA03_P</td></tr><tr><td>LA03_N</td><td>G10</td><td></td><td>G10</td><td>LA03_N</td></tr><tr><td>GND</td><td>G11</td><td>GND</td><td>G11</td><td>GND</td></tr><tr><td>LA08_P</td><td>G12</td><td></td><td>G12</td><td>LA08_P</td></tr><tr><td>LA08_N</td><td>G13</td><td></td><td>G13</td><td>LA08_N</td></tr><tr><td>GND</td><td>G14</td><td>GND</td><td>G14</td><td>GND</td></tr><tr><td>LA12_P</td><td>G15</td><td></td><td>G15</td><td>LA12_P</td></tr><tr><td>LA12_N</td><td>G16</td><td></td><td>G16</td><td>LA12_N</td></tr><tr><td>GND</td><td>G17</td><td>GND</td><td>G17</td><td>GND</td></tr><tr><td>LA16_P</td><td>G18</td><td></td><td>G18</td><td>LA16_P</td></tr><tr><td>LA16_N</td><td>G19</td><td></td><td>G19</td><td>LA16_N</td></tr><tr><td>GND</td><td>G20</td><td>GND</td><td>G20</td><td>GND</td></tr><tr><td>LA20_P</td><td>G21</td><td></td><td>G21</td><td>LA20_P</td></tr><tr><td>LA20_N</td><td>G22</td><td></td><td>G22</td><td>LA20_N</td></tr><tr><td>GND</td><td>G23</td><td>GND</td><td>G23</td><td>GND</td></tr><tr><td>LA22_P</td><td>G24</td><td></td><td>G24</td><td>LA22_P</td></tr><tr><td>LA22_N</td><td>G25</td><td></td><td>G25</td><td>LA22_N</td></tr><tr><td>GND</td><td>G26</td><td>GND</td><td>G26</td><td>GND</td></tr><tr><td>LA25_P</td><td>G27</td><td></td><td>G27</td><td>LA25_P</td></tr><tr><td>LA25_N</td><td>G28</td><td></td><td>G28</td><td>LA25_N</td></tr><tr><td>GND</td><td>G29</td><td>GND</td><td>G29</td><td>GND</td></tr><tr><td>LA29_P</td><td>G30</td><td></td><td>G30</td><td>LA29_P</td></tr><tr><td>LA29_N</td><td>G31</td><td></td><td>G31</td><td>LA29_N</td></tr><tr><td>GND</td><td>G32</td><td>GND</td><td>G32</td><td>GND</td></tr><tr><td>LA31_P</td><td>G33</td><td></td><td>G33</td><td>LA31_P</td></tr><tr><td>LA31_N</td><td>G34</td><td></td><td>G34</td><td>LA31_N</td></tr><tr><td>GND</td><td>G35</td><td>GND</td><td>G35</td><td>GND</td></tr><tr><td>LA33_P</td><td>G36</td><td></td><td>G36</td><td>LA33_P</td></tr><tr><td>LA33_N</td><td>G37</td><td></td><td>G37</td><td>LA33_N</td></tr><tr><td>GND</td><td>G38</td><td>GND</td><td>G38</td><td>GND</td></tr><tr><td>VADJ</td><td>G39</td><td>VADJ_CC</td><td>G39</td><td>VADJ</td></tr><tr><td>GND</td><td>G40</td><td>GND</td><td>G40</td><td>GND</td></tr></table> <div>MC-HPC-10</div> <div>CC-HPC-10</div>		GND	G1	GND	G1	GND	CLK1_M2C_P	G2		G2	CLK1_M2C_P	CLK1_M2C_N	G3		G3	CLK1_M2C_N	GND	G4	GND	G4	GND	GND	G5	GND	G5	GND	LA00_P_CC	G6		G6	LA00_P_CC	LA00_N_CC	G7		G7	LA00_N_CC	GND	G8	GND	G8	GND	LA03_P	G9		G9	LA03_P	LA03_N	G10		G10	LA03_N	GND	G11	GND	G11	GND	LA08_P	G12		G12	LA08_P	LA08_N	G13		G13	LA08_N	GND	G14	GND	G14	GND	LA12_P	G15		G15	LA12_P	LA12_N	G16		G16	LA12_N	GND	G17	GND	G17	GND	LA16_P	G18		G18	LA16_P	LA16_N	G19		G19	LA16_N	GND	G20	GND	G20	GND	LA20_P	G21		G21	LA20_P	LA20_N	G22		G22	LA20_N	GND	G23	GND	G23	GND	LA22_P	G24		G24	LA22_P	LA22_N	G25		G25	LA22_N	GND	G26	GND	G26	GND	LA25_P	G27		G27	LA25_P	LA25_N	G28		G28	LA25_N	GND	G29	GND	G29	GND	LA29_P	G30		G30	LA29_P	LA29_N	G31		G31	LA29_N	GND	G32	GND	G32	GND	LA31_P	G33		G33	LA31_P	LA31_N	G34		G34	LA31_N	GND	G35	GND	G35	GND	LA33_P	G36		G36	LA33_P	LA33_N	G37		G37	LA33_N	GND	G38	GND	G38	GND	VADJ	G39	VADJ_CC	G39	VADJ	GND	G40	GND	G40	GND	<div>P5H</div> 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<div>MC-HPC-10</div> <div>CC-HPC-10</div>		VREF_A_M2C	H1	VREF_A_M2C_CC	VREF_A_M2C_MC	H1	VREF_A_M2C	PRSNT_M2C_L	H2	PRSNT_M2C_L_CC	PRSNT_M2C_L_MC	H2	PRSNT_M2C_L	GND	H3	GND		H3	GND	CLK0_M2C_P	H4			H4	CLK0_M2C_P	CLK0_M2C_N	H5			H5	CLK0_M2C_N	GND	H6	GND		H6	GND	LA02_P	H7			H7	LA02_P	LA02_N	H8			H8	LA02_N	GND	H9	GND		H9	GND	LA04_P	H10			H10	LA04_P	LA04_N	H11			H11	LA04_N	GND	H12	GND		H12	GND	LA07_P	H13			H13	LA07_P	LA07_N	H14			H14	LA07_N	GND	H15	GND		H15	GND	LA11_P	H16			H16	LA11_P	LA11_N	H17			H17	LA11_N	GND	H18	GND		H18	GND	LA15_P	H19			H19	LA15_P	LA15_N	H20			H20	LA15_N	GND	H21	GND		H21	GND	LA19_P	H22			H22	LA19_P	LA19_N	H23			H23	LA19_N	GND	H24	GND		H24	GND	LA21_P	H25			H25	LA21_P	LA21_N	H26			H26	LA21_N	GND	H27	GND		H27	GND	LA24_P	H28			H28	LA24_P	LA24_N	H29			H29	LA24_N	GND	H30	GND		H30	GND	LA28_P	H31			H31	LA28_P	LA28_N	H32			H32	LA28_N	GND	H33	GND		H33	GND	LA30_P	H34			H34	LA30_P	LA30_N	H35			H35	LA30_N	GND	H36	GND		H36	GND	LA32_P	H37			H37	LA32_P	LA32_N	H38			H38	LA32_N	GND	H39	GND		H39	GND	VADJ	H40	VADJ_CC	VADJ_MC	H40	VADJ
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GND	H3	GND		H3	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
CLK0_M2C_P	H4			H4	CLK0_M2C_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
CLK0_M2C_N	H5			H5	CLK0_M2C_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H6	GND		H6	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA02_P	H7			H7	LA02_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA02_N	H8			H8	LA02_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H9	GND		H9	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA04_P	H10			H10	LA04_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA04_N	H11			H11	LA04_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H12	GND		H12	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA07_P	H13			H13	LA07_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA07_N	H14			H14	LA07_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H15	GND		H15	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA11_P	H16			H16	LA11_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA11_N	H17			H17	LA11_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H18	GND		H18	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA15_P	H19			H19	LA15_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA15_N	H20			H20	LA15_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H21	GND		H21	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA19_P	H22			H22	LA19_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA19_N	H23			H23	LA19_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H24	GND		H24	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA21_P	H25			H25	LA21_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA21_N	H26			H26	LA21_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H27	GND		H27	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA24_P	H28			H28	LA24_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA24_N	H29			H29	LA24_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H30	GND		H30	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA28_P	H31			H31	LA28_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA28_N	H32			H32	LA28_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H33	GND		H33	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA30_P	H34			H34	LA30_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA30_N	H35			H35	LA30_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H36	GND		H36	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA32_P	H37			H37	LA32_P																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LA32_N	H38			H38	LA32_N																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GND	H39	GND		H39	GND																																																																																																																																																																																																																																																																																																																																																																																																																																																						
VADJ	H40	VADJ_CC	VADJ_MC	H40	VADJ																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Title: HPC connector ROW G and ROW H

Project: FMC Power Module

Website: www.iamelectronic.com

Date: 20.05.2022

Engineer: PFH

Rev: A

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I A M
ELECTRONIC
Instrumentation And Measurement Electronics

P5I	J1	GND	J1	P6I
GND	J2		J2	GND
CLK3_M2C_P	J3		J3	CLK3_M2C_P
CLK3_M2C_N	J4	GND	J4	CLK3_M2C_N
GND	J5	GND	J5	GND
GND	J6		J6	GND
HA03_P	J7		J7	HA03_P
HA03_N	J8	GND	J8	HA03_N
GND	J9		J9	GND
HA07_P	J10		J10	HA07_P
HA07_N	J11	GND	J11	HA07_N
GND	J12		J12	GND
HA11_P	J13		J13	HA11_P
HA11_N	J14	GND	J14	HA11_N
GND	J15		J15	GND
HA14_P	J16		J16	HA14_P
HA14_N	J17	GND	J17	HA14_N
GND	J18		J18	GND
HA18_P	J19		J19	HA18_P
HA18_N	J20	GND	J20	HA18_N
GND	J21		J21	GND
HA22_P	J22		J22	HA22_P
HA22_N	J23	GND	J23	HA22_N
GND	J24		J24	GND
HB01_P	J25		J25	HB01_P
HB01_N	J26	GND	J26	HB01_N
GND	J27		J27	GND
HB07_P	J28		J28	HB07_P
HB07_N	J29	GND	J29	HB07_N
GND	J30		J30	GND
HB11_P	J31		J31	HB11_P
HB11_N	J32	GND	J32	HB11_N
GND	J33		J33	GND
HB15_P	J34		J34	HB15_P
HB15_N	J35	GND	J35	HB15_N
GND	J36		J36	GND
HB18_P	J37		J37	HB18_P
HB18_N	J38	GND	J38	HB18_N
GND	J39	VIO_B_M2C_CC	J39	GND
VIO_B_M2C	J40	GND	J40	VIO_B_M2C
GND			J40	GND

MC-HPC-10

CC-HPC-10

P5J	K1	VREF_B_M2C_CC	VREF_B_M2C_MC	K1	P6J
VREF_B_M2C	K2			K2	VREF_B_M2C
GND	K3	GND		K3	GND
GND	K4			K4	GND
CLK2_M2C_P	K5			K5	CLK2_M2C_P
CLK2_M2C_N	K6	GND		K6	CLK2_M2C_N
GND	K7			K7	GND
HA02_P	K8			K8	HA02_P
HA02_N	K9	GND		K9	HA02_N
GND	K10			K10	GND
HA06_P	K11			K11	HA06_P
HA06_N	K12	GND		K12	HA06_N
GND	K13			K13	GND
HA10_P	K14			K14	HA10_P
HA10_N	K15	GND		K15	HA10_N
GND	K16			K16	GND
HA17_P_CC	K17			K17	HA17_P_CC
HA17_N_CC	K18	GND		K18	HA17_N_CC
GND	K19			K19	GND
HA21_P	K20			K20	HA21_P
HA21_N	K21	GND		K21	HA21_N
GND	K22			K22	GND
HA23_P	K23			K23	HA23_P
HA23_N	K24	GND		K24	HA23_N
GND	K25			K25	GND
HB00_P_CC	K26			K26	HB00_P_CC
HB00_N_CC	K27	GND		K27	HB00_N_CC
GND	K28			K28	GND
HB06_P_CC	K29			K29	HB06_P_CC
HB06_N_CC	K30	GND		K30	HB06_N_CC
GND	K31			K31	GND
HB10_P	K32			K32	HB10_P
HB10_N	K33	GND		K33	HB10_N
GND	K34			K34	GND
HB14_P	K35			K35	HB14_P
HB14_N	K36	GND		K36	HB14_N
GND	K37			K37	GND
HB17_P_CC	K38			K38	HB17_P_CC
HB17_N_CC	K39	GND		K39	HB17_N_CC
GND	K40	VIO_B_M2C_CC	VIO_B_M2C_MC	K40	GND
VIO_B_M2C				K40	VIO_B_M2C

MC-HPC-10

CC-HPC-10

Title: HPC connector ROW J and ROW K

Project: FMC Power Module

Website: www.iamelectronic.com

Date: 20.05.2022

Engineer: PFH

Rev: A

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Designator	Comment	Manufacturer	Part	Quantity
J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12	TSM-103-04-T-SV	Samtec	TSM-103-04-T-SV	12
P1, P2, P3, P4	PTSM 4pol.	Phoenix Contact	1814650	4
P5	MC-HPC-10	Samtec	ASP-134488-01	1
P6	CC-HPC-10	Samtec	ASP-134486-01	1
R1, R2, R3, R4	10K 1% 0603(1608)	Walsin	WR06X1002FTL	4