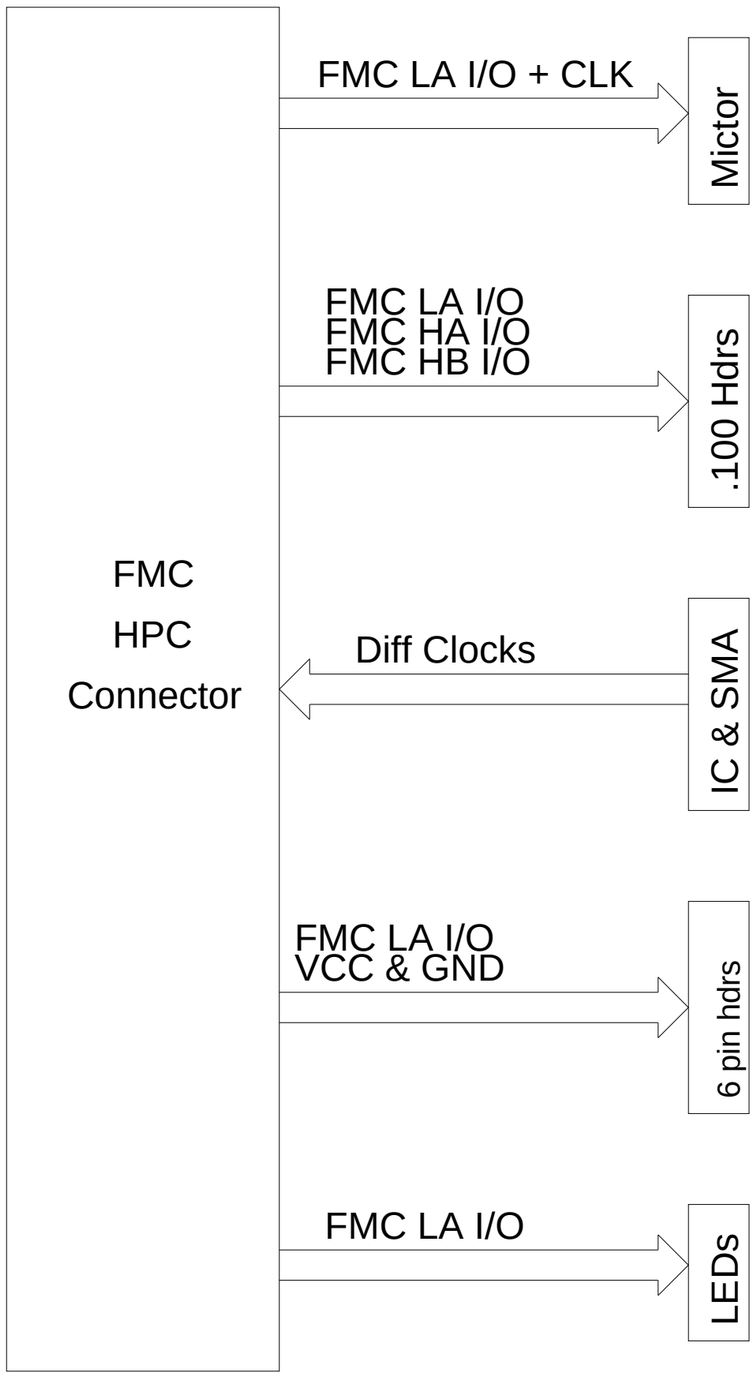


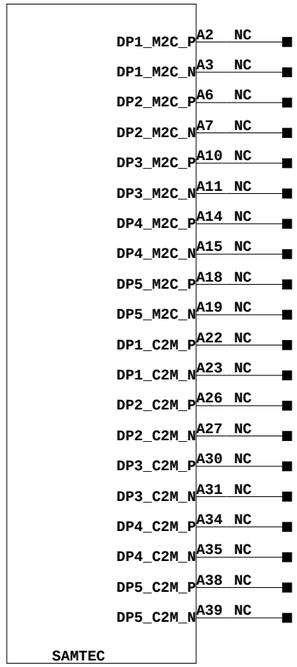
I2C Address Table

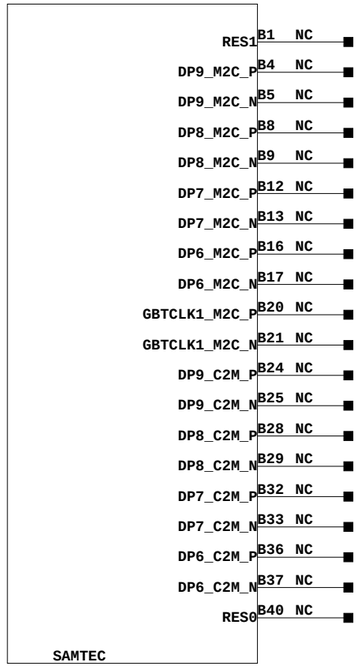
M24C02 - 1010_0_GA0_GA1_RW
SI570 - 1011_101_RW

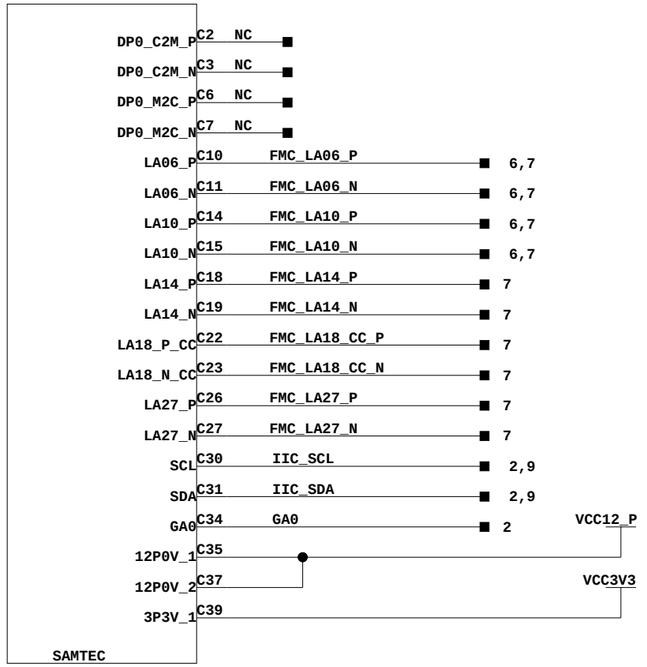
XILINX

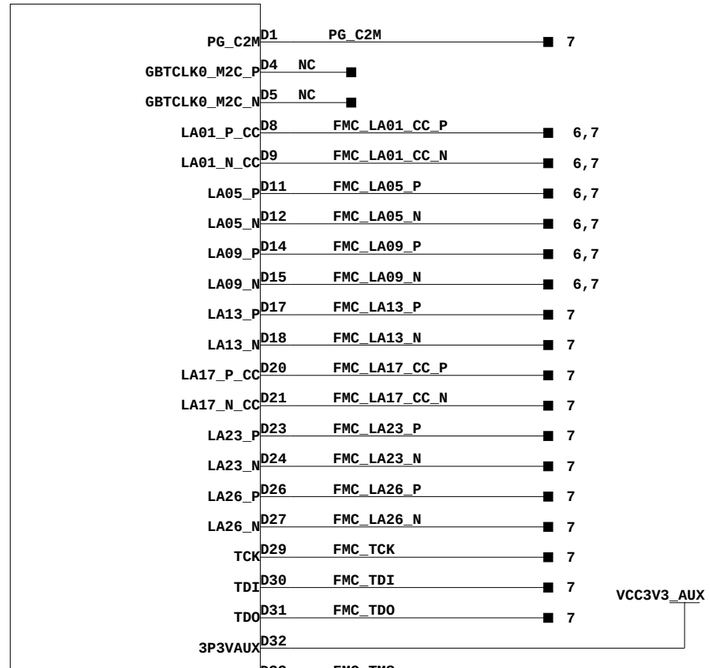
ASSY P/N: 0431580
PCB P/N: 1280516
SCH P/N: 0381348

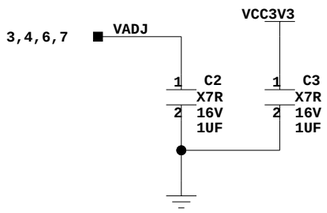
Title:	FMC Debug Module SCHEM, ROHS COMPLIANT HW-FMC-105-DEBUG		
Date:	11-10-2009_14:01	Ver:	B
Sheet Size: B		Rev:	03
Sheet	1 of 9	Drawn By	BF

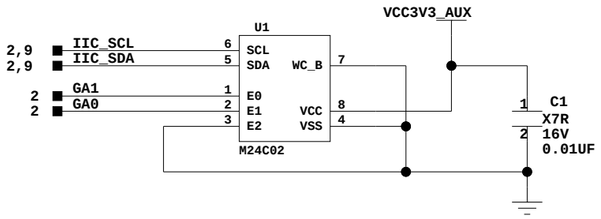












ANSI/VITA 57.1-2008 Version 1.1
FMC HPC Header, Rows A, B, C, D

XILINX

ASSY P/N: 0431580
PCB P/N: 1280516
SCH P/N: 0381348

Title:	FMC HPC Header SCHEM, ROHS COMPLIANT HW-FMC-105-DEBUG		
Date:	11-10-2009_14:01	Ver:	B
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Sheet	2 of 9	Drawn By	BF

J17

HA01_P_CC	E2	FMC_HA01_CC_P	8
HA01_N_CC	E3	FMC_HA01_CC_N	8
HA05_P	E6	FMC_HA05_P	8
HA05_N	E7	FMC_HA05_N	8
HA09_P	E9	FMC_HA09_P	8
HA09_N	E10	FMC_HA09_N	8
HA13_P	E12	FMC_HA13_P	8
HA13_N	E13	FMC_HA13_N	8
HA16_P	E15	FMC_HA16_P	8
HA16_N	E16	FMC_HA16_N	8
HA20_P	E18	FMC_HA20_P	8
HA20_N	E19	FMC_HA20_N	8
HB03_P	E21	FMC_HB03_P	8
HB03_N	E22	FMC_HB03_N	8
HB05_P	E24	FMC_HB05_P	8
HB05_N	E25	FMC_HB05_N	8
HB09_P	E27	FMC_HB09_P	8
HB09_N	E28	FMC_HB09_N	8
HB13_P	E30	FMC_HB13_P	8
HB13_N	E31	FMC_HB13_N	8
HB19_P	E33	FMC_HB19_P	8
HB19_N	E34	FMC_HB19_N	8
HB21_P	E36	FMC_HB21_P	8
HB21_N	E37	FMC_HB21_N	8
VADJ_1	E39	VADJ	2,3,4,6,7

SAMTEC

ASP-134488-01

J17

H-1X2 (J18)

PG_M2C	F1		
HA00_P_CC	F4	FMC_HA00_CC_P	8
HA00_N_CC	F5	FMC_HA00_CC_N	8
HA04_P	F7	FMC_HA04_P	8
HA04_N	F8	FMC_HA04_N	8
HA08_P	F10	FMC_HA08_P	8
HA08_N	F11	FMC_HA08_N	8
HA12_P	F13	FMC_HA12_P	8
HA12_N	F14	FMC_HA12_N	8
HA15_P	F16	FMC_HA15_P	8
HA15_N	F17	FMC_HA15_N	8
HA19_P	F19	FMC_HA19_P	8
HA19_N	F20	FMC_HA19_N	8
HB02_P	F22	FMC_HB02_P	8
HB02_N	F23	FMC_HB02_N	8
HB04_P	F25	FMC_HB04_P	8
HB04_N	F26	FMC_HB04_N	8
HB08_P	F28	FMC_HB08_P	8
HB08_N	F29	FMC_HB08_N	8
HB12_P	F31	FMC_HB12_P	8
HB12_N	F32	FMC_HB12_N	8
HB16_P	F34	FMC_HB16_P	8
HB16_N	F35	FMC_HB16_N	8
HB20_P	F37	FMC_HB20_P	8
HB20_N	F38	FMC_HB20_N	8
VADJ_2	F40	VADJ	2,3,4,6,7

SAMTEC

ASP-134488-01

J17

CLK1_M2C_P	G2	CLK1_M2C_P	9
CLK1_M2C_N	G3	CLK1_M2C_N	9
LA00_P_CC	G6	FMC_LA00_CC_P	6,7
LA00_N_CC	G7	FMC_LA00_CC_N	7
LA03_P	G9	FMC_LA03_P	6,7
LA03_N	G10	FMC_LA03_N	6,7
LA08_P	G12	FMC_LA08_P	6,7
LA08_N	G13	FMC_LA08_N	6,7
LA12_P	G15	FMC_LA12_P	7
LA12_N	G16	FMC_LA12_N	7
LA16_P	G18	FMC_LA16_P	7
LA16_N	G19	FMC_LA16_N	7
LA20_P	G21	FMC_LA20_P	7
LA20_N	G22	FMC_LA20_N	7
LA22_P	G24	FMC_LA22_P	7
LA22_N	G25	FMC_LA22_N	7
LA25_P	G27	FMC_LA25_P	7
LA25_N	G28	FMC_LA25_N	7
LA29_P	G30	FMC_LA29_P	7
LA29_N	G31	FMC_LA29_N	7
LA31_P	G33	FMC_LA31_P	7
LA31_N	G34	FMC_LA31_N	7
LA33_P	G36	FMC_LA33_P	7
LA33_N	G37	FMC_LA33_N	7
VADJ_3	G39	VADJ	2,3,4,6,7

SAMTEC

ASP-134488-01

ANSI/VITA 57.1-2008 Version 1.1
FMC HPC Header, Rows E, F, G

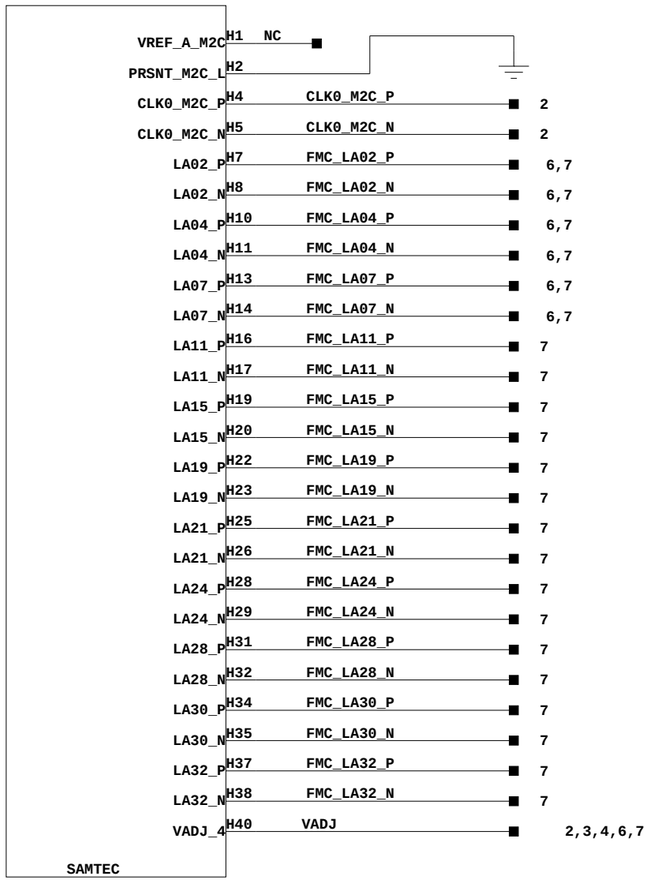
XILINX

ASSY P/N: 0431580
PCB P/N: 1280516
SCH P/N: 0381348

Title: FMC HPC Header
SCHEM, ROHS COMPLIANT
HW-FMC-105-DEBUG

Date:	11-10-2009_14:01	Ver:	B
Sheet Size: B		Rev:	03
Sheet	3 of 9	Drawn By	BF

J17



ASP-134488-01

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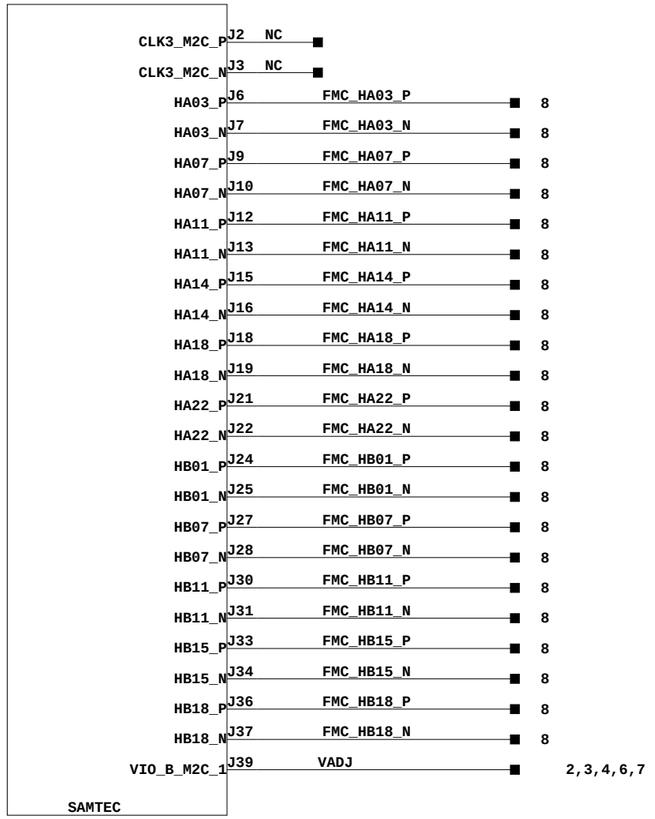

ASP-134488-01

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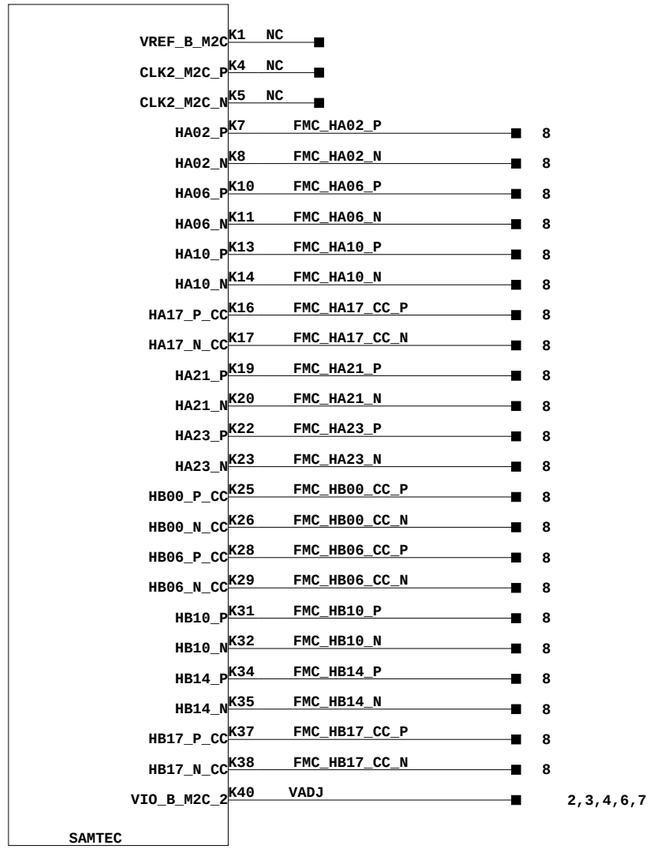


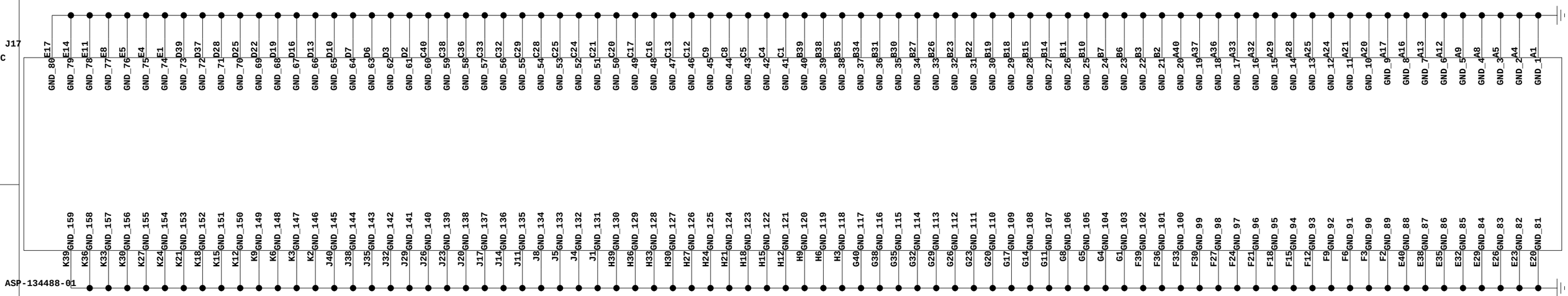
ASP-134488-01

ANSI/VITA 57.1-2008 Version 1.1
FMC HPC Header, Rows H, J, K

XILINX

ASSY P/N: 0431580
PCB P/N: 1280516
SCH P/N: 0381348

Title:	FMC HPC Header, Rows H, J, K SCHEM, ROHS COMPLIANT HW-FMC-105-DEBUG		
Date:	11-10-2009_14:01	Ver:	B
Sheet Size: B		Rev:	03
Sheet	4 of 9	Drawn By	BF

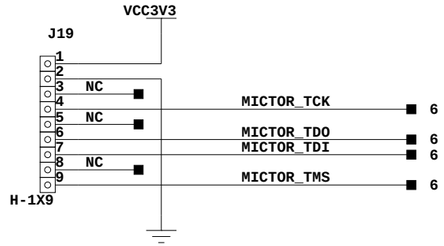


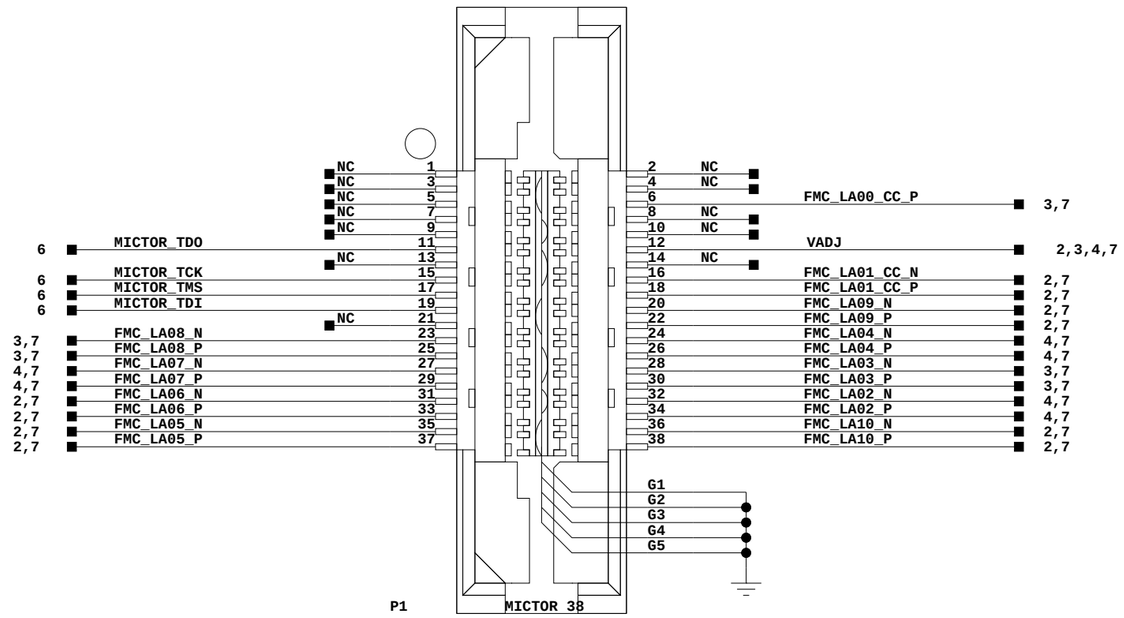
ANSI/VITA 57.1-2008 Version 1.1
FMC HPC Header, GND

XILINX

ASSY P/N: 0431580
PCB P/N: 1280516
SCH P/N: 0381348

Title:	FMC HPC Header SCHEM, ROHS COMPLIANT HW-FMC-105-DEBUG		
Date:	11-10-2009_14:01	Ver:	B
Sheet Size: B		Rev:	03
Sheet	5 of 9	Drawn By	BF



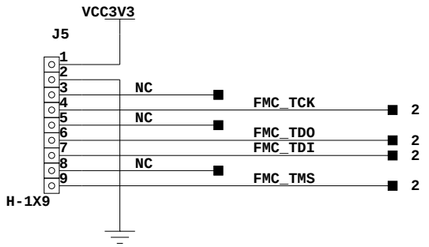


Mictor Connector

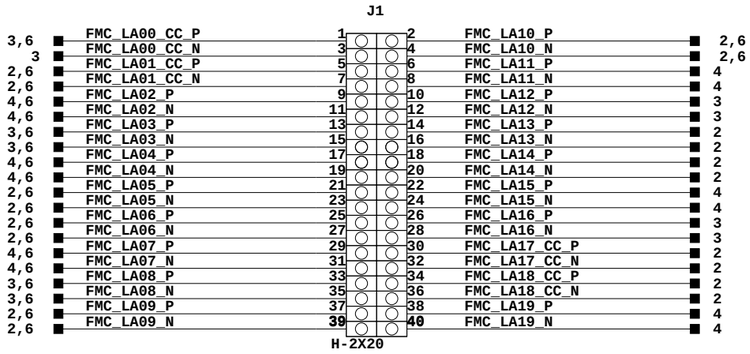
XILINX

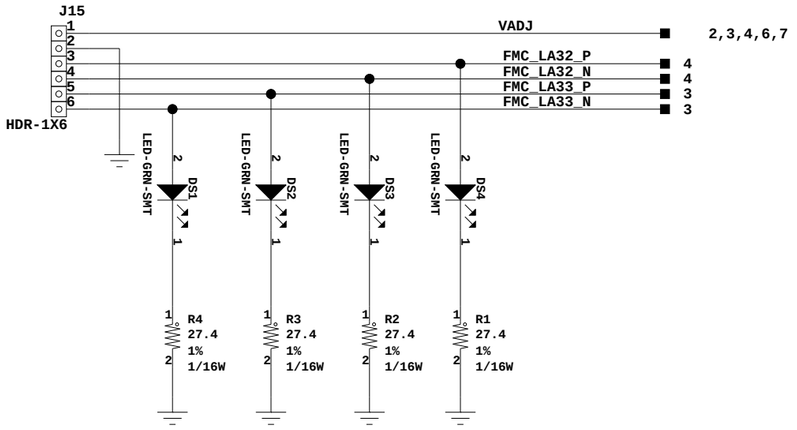
ASSY P/N: 0431580
PCB P/N: 1280516
SCH P/N: 0381348

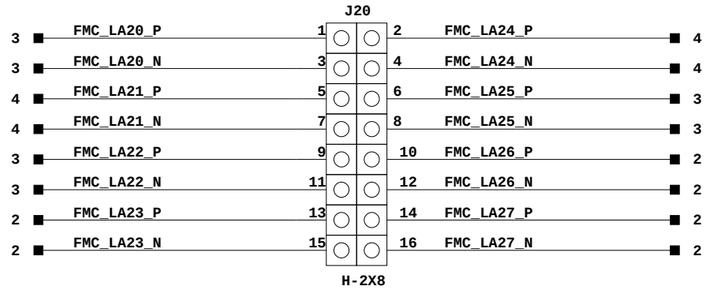
Title:	Mictor Connector SCHEM, ROHS COMPLIANT HW-FMC-105-DEBUG		
Date:	11-10-2009_14:01	Ver:	B
Sheet Size: B		Rev:	03
Sheet	6 of 9	Drawn By	BF

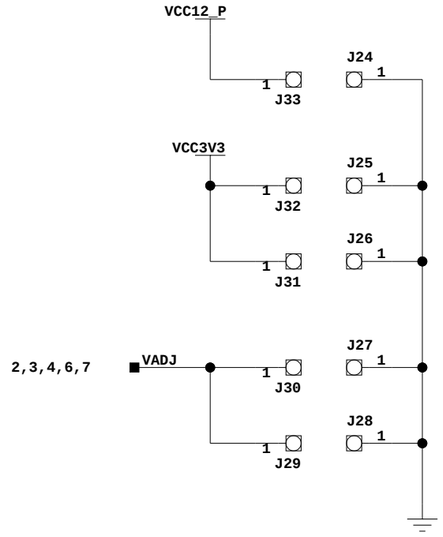


FMC JTAG

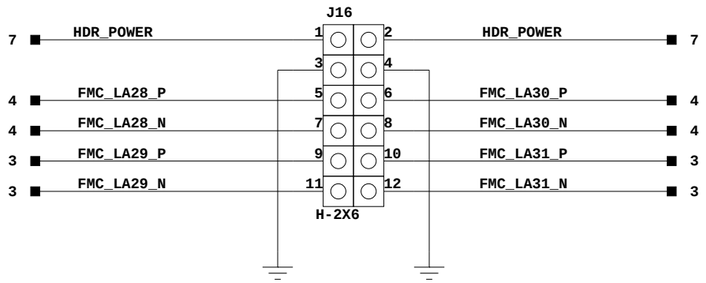


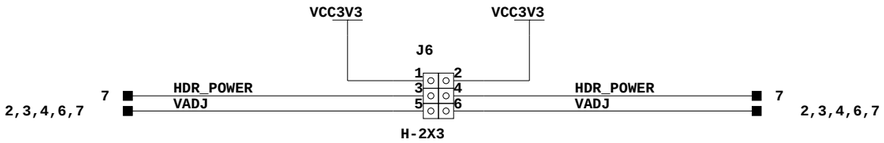


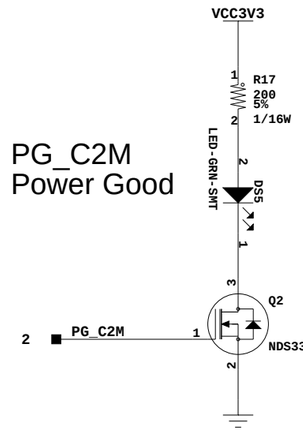




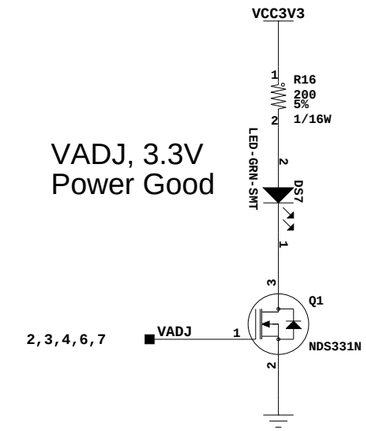
Power Access Testpoints



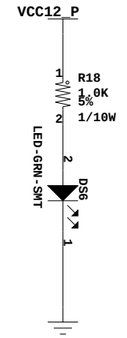




PG_C2M
Power Good



VADJ, 3.3V
Power Good



12V LED

LA Debug Headers, status LEDs, JTAG

ASSY P/N: 0431580
PCB P/N: 1280516
SCH P/N: 0381348

Title:
LA DEBUG HEADERS, STATUS LEDS
SCHEM, ROHS COMPLIANT,
HW-FMC-105-DEBUG

Date:	11-10-2009_14:01	Ver:	B
Sheet Size: B		Rev:	03
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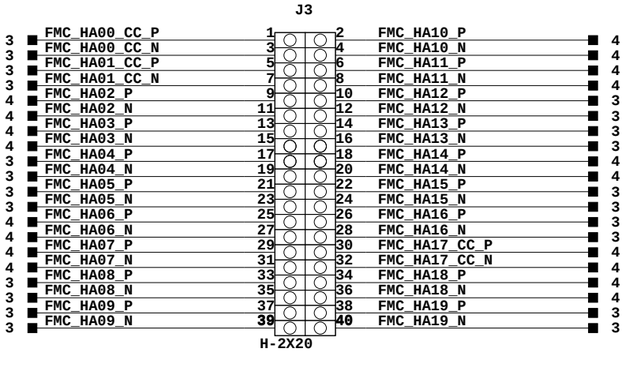

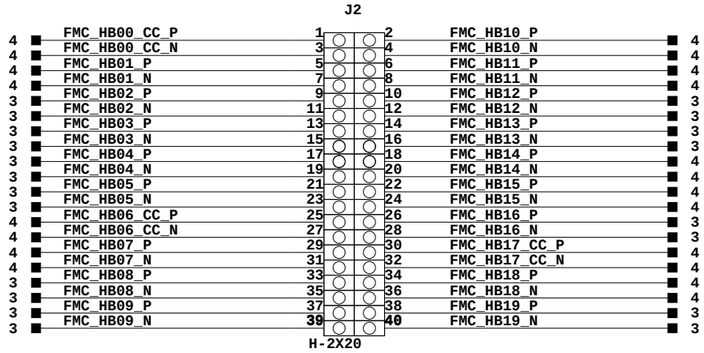

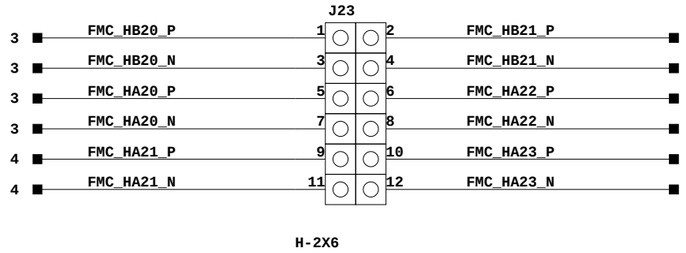

HA / HB Debug Headers

XILINX

ASSY P/N: 0431580
PCB P/N: 1280516
SCH P/N: 0381348

Title:
HA / HB DEBUG HEADERS
SCHEM, ROHS COMPLIANT,
HW-FMC-105-DEBUG

Date: 11-10-2009_14:01	Ver: B
Sheet Size: B	Rev: 03
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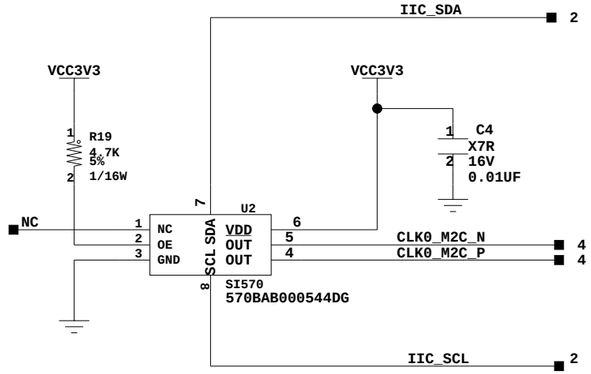
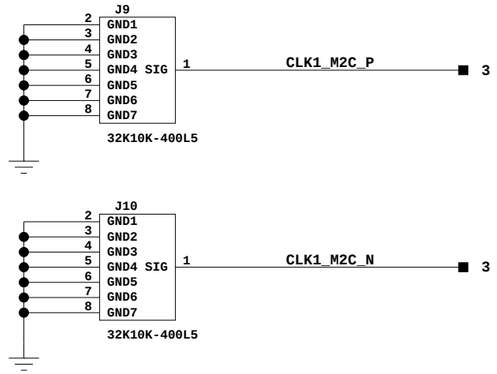
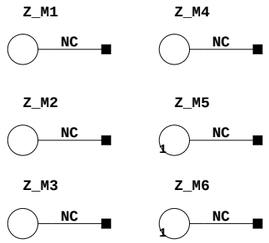




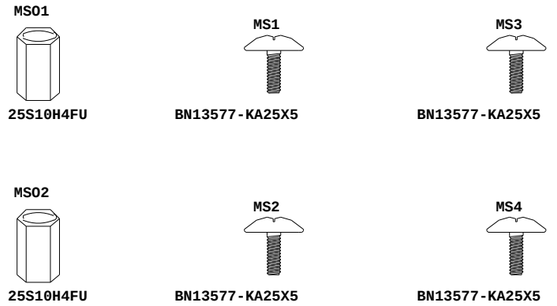
Fiducials



Mounting Holes

2 mounting holes are part of the
J17 Samtec ASP-134488-01 footprint

Mounting Hardware



Differential Clocks
Mechanical Components

XILINX

ASSY P/N: 0431580
PCB P/N: 1280516
SCH P/N: 0381348

Title:
DIFFERENTIAL CLOCKS
SCHEM, ROHS COMPLIANT,
HW-FMC-105-DEBUG

Date: 11-10-2009_14:01	Ver: B
Sheet Size: B	Rev: 03
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