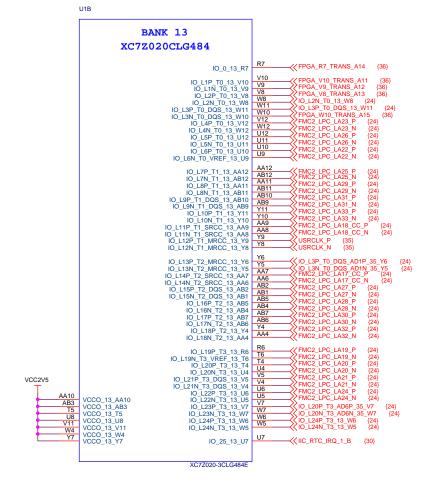


FPGA BANK 13 (FPGA-FMC)



Layout Note Route all FMC Diff Pairs Signals at 100 Ohms and Single Ended Signals at 50 Ohms

Zynq Bank 13

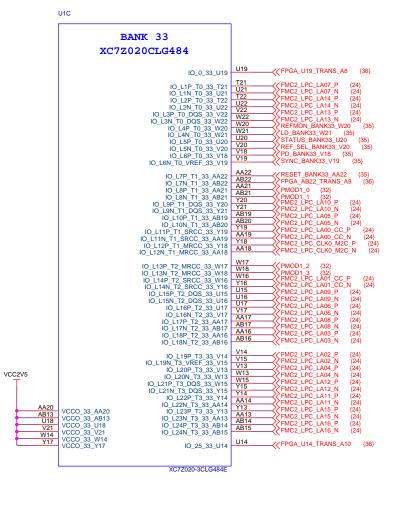
Proprietary and Confidential



WHIZZ SYSTEMS INC.
3240 Scott Blvd , Santa Clara,
CA 95054, USA
Job # 7490

		PGA BANK 13	Sch:	749	0_Mo	kuV1.0
Size C Engineer: Farooq Bhatti		Rev /	A			
Date:		Thursday, July 09, 2015	Sheet	5	of	38

FPGA BANK 33 (FPGA-FMC)



Layout Note Route all FMC Diff Pairs Signals at 100 Ohms and Single Ended Signals at 50 Ohms

Zynq Bank 33

Proprietary and Confidential



WHIZZ SYSTEMS INC. 3240 Scott Blvd , Santa Clara, CA 95054, USA Job # 7490

Title	F	PGA BANK 33	Sch: 7490_MokuV1.0
Size	Size C Engineer: Farooq Bhatti		Rev A
Date) :	Thursday, July 09, 2015	Sheet 6 of 38

| 10.0.34 His | 10.0 km |

VCC2V5

Zynq Bank 34

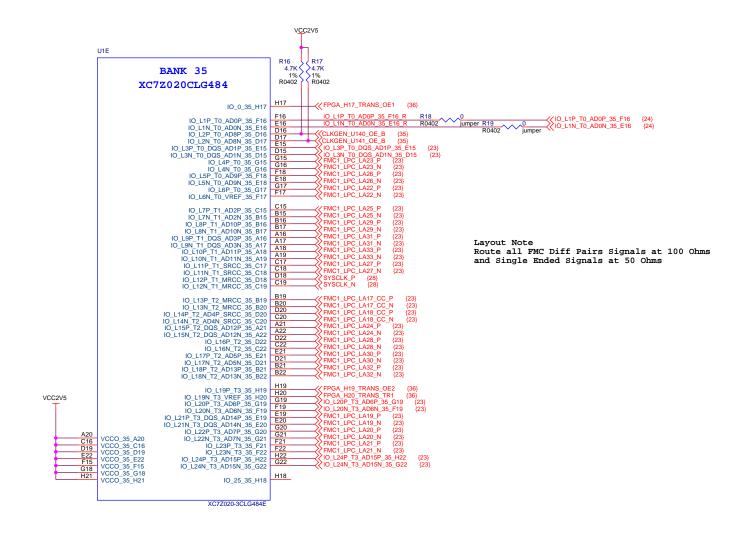
Proprietary and Confidential



WHIZZ SYSTEMS INC.
3240 Scott Blvd , Santa Clara,
CA 95054, USA
Job # 7490

Title	FI	PGA BANK 34	Sch: 7490_MokuV1.0	
Size	Size C Engineer: Farooq Bhatti		Rev A	
Date:		Thursday, July 09, 2015	Sheet 7 of 38	1

FPGA BANK 35 (FPGA-FMC)



Zynq Bank 35



WHIZZ SYSTEMS INC. 3240 Scott Blvd , Santa Clara, CA 95054, USA Job # 7490

Liquid Instruments PTY. LTD.

Т	itle	FI	PGA BANK 35	Sch:	7	490	_Mo	kuV1.0
s	Size C Engineer: Farooq Bhatti		Rev	Α				
D	Date:		Thursday, July 09, 2015	Shee	t	8	of	38

FPGA BANK 502 (FPGA-DDR3) U1H BANK 502 XC7Z020CLG484 PS_DDR_DRST_B_502_F3 F3 ─**〈**PS_DDR3_RESET_B {17,18,19,20} PS_DDR_DRST_B_502_F3 PS_DDR_DQ1_502_C1 PS_DDR_DQ1_502_C3 PS_DDR_DQ3_502_C3 PS_DDR_DQ3_502_C3 PS_DDR_DQ3_502_C3 PS_DDR_DQ4_502_E1 PS_DDR_DQ5_P0_502_C2 PS_DDR_DQ5_F0_502_E1 PS_DDR_DQ5_502_E1 PS_DDR_DQ6_502_E1 PS_DDR3_DO3 (17) PS_DDR3_DO1 (17) PS_DDR3_DO6 (17) PS_DDR3_DO6 (17) PS_DDR3_DO8 (17) PS_DDR3_DO80 (17) PS_DDR3_DO80_N (17) PS_DDR3_DO80_N (17) PS_DDR3_DO4 (17) PS_DDR3_DO4 (17) PS_DDR3_DO4 (17) PS_DDR3_DO4 (17) PS_DDR3_DO4 (17) Layout Note Clock Frequency = 866 MHz DDR Data Rate = 1600 MTs Voltage = 1.5V Single Ended = 80 Ohm Differential Processor = Xilinx CORTEX-A9 ARTIX-7 PS_DDR_DQ8_502_G2 PS_DDR_DQ9_502_G1 PS_DDR_DQ10_502_L1 PS_DDR_DQ11_502_L2 PS_DDR_DM1_502_H3 PS_DDR_DM1_502_H3 H2 SDRAM ICs = DDR3L 1.5V SDRAM PS_DDR_DM1_502_H2 PS_DDR_DQS_P1_502_H2 PS_DDR_DQS_N1_502_H2 PS_DDR_DQ12_502_L3 PS_DDR_DQ13_502_K1 PS_DDR_DQ14_502_H1 PS_DDR_DQ15_502_K3 PS_DDR3_A14 (17.18,19.20) PS_DDR3_A14 (17.18,19.20) PS_DDR3_A11 (17.18,19.20) PS_DDR3_A11 (17.18,19.20) PS_DDR3_A10 (17.18,19.20) PS_DDR3_A9 (17.18,19.20) PS_DDR3_A9 (17.18,19.20) PS_DDR3_A6 (17.18,19.20) PS_DDR3_A6 (17.18,19.20) PS_DDR3_A6 (17.18,19.20) PS_DDR3_A6 (17.18,19.20) PS_DDR3_A4 (17.18,19.20) PS_DDR3_A4 (17.18,19.20) PS_DDR3_A4 (17.18,19.20) PS_DDR3_A3 (17.18,19.20) VCC1V5 80.6 1% R0402 PS_VRN <PS_VRN {10} PS_DDR_VRN_502_M7 PS_DDR_VRP_502_N7 PS_VRN {10} PS_VRP {10} PS_DDR_CKP_502_N4 N5 PS_DDR_CKN_502_N5 PS_DDR3_CLK_P {17,18,19,20} PS_DDR3_CLK_N {17,18,19,20} R34 80.6 1% R0402 PS_DDR_CKN_502_NS PS_DDR_A0_502_MS PS_DDR_A1_502_M5 PS_DDR_B0_502_M4 M6 PS_DDR_B42_502_M6 PS_DDR_B40_502_L6 PS_DDR_B04_502_L6 PS_DDR_C0DT_502_P5 PS_DDR_C0DT_502_P5 PS_DDR_CKE_502_V3 PS_DDR_CKE_502_V3 PS_DDR_CAS_502_R4 PS_DDR_CAS_502_R5 PS_DDR_CAS_B_502_R5 M1 PS_DDR3_CIL_N (17,18,19,20) PS_DDR3_A1 (17,18,19,20) PS_DDR3_A0 (17,18,19,20) PS_DDR3_BA0 (17,18,19,20) PS_DDR3_BA0 (17,18,19,20) PS_DDR3_BA0 (17,18,19,20) PS_DDR3_BA0 (17,18,19,20) PS_DDR3_CS_B (17,18,19,20) PS_DDR3_CS_B (17,18,19,20) PS_DDR3_CKE (17,18,19,20) PS_DDR3_CKE (17,18,19,20) PS_DDR3_CKE (17,18,19,20) PS_DDR3_CKE (17,18,19,20) PS_DDR3_CKS_B (17,18,19,20) PS_DDR3_CKS_B (17,18,19,20) PS_DDR3_CKS_B (17,18,19,20) GND PS_DDR_DO16_502_M1 PS_DDR_DO17_502_T3 PS_DDR_DO17_502_T3 PS_DDR_DO19_502_T1 PS_DDR_DO19_502_T1 PS_DDR_DO19_502_T1 PS_DDR_DOS_P2_502_P1 PS_DDR_DOS_P2_502_P2 PS_DDR_DOS_P2_502_T2 PS_DDR_DO20_502_T3 PS_DDR_DO20_502_T3 PS_DDR_DO20_502_T2 PS_DDR_DO20_502_T2 PS_DDR_DO20_502_T2 PS_DDR_DO20_502_T2 PS_DDR_DO20_502_T2 PS_DDR_DO20_502_T2 PS_DDR_DO20_502_T3 PS DDR3 DD16 (19) PS DDR3 DD17 (19) PS DDR3 DD17 (19) PS DDR3 DD18 (19) PS DDR3 DD19 (19) PS DDR3 DD82 N (19) PS DDR3 DD20 (19) PS DDR3 DD20 (19) PS DDR3 DD22 (19) PS DDR3 DD22 (19) PS DDR3 DD23 (19) VCC1V5 PS_DDR_D03_502_A42 PS_DDR_DQS_P3_502_V2 PS_DDR_DQS_N3_502_W2 PS_DDR_DQ28_502_W1 PS_DDR_DQ29_502_W3 PS_DDR_DQ30_502_W3 W1 YS_DDR_DQ30_502_W3 W1 PS_DDR_DQ31_502_Y VTTVREF_PS XC7Z020-3CLG484E C11 0.01uF 25V C0402 C12 0.01uF 25V C0402 GND Zynq Bank 502 Proprietary and Confidential WHIZZ SYSTEMS INC. WHIZZ 3240 Scott Blvd , Santa Clara, CA 95054, USA SYSTEMS Job # 7490 Liquid Instruments PTY. LTD. Title FPGA BANK 502 Sch: 7490_MokuV1.0 Size C Engineer: Farooq Bhatti Rev A Sheet 10 of 38 Date: Thursday, July 09, 2015

FPGA POWER BANKS

Layout Notes:

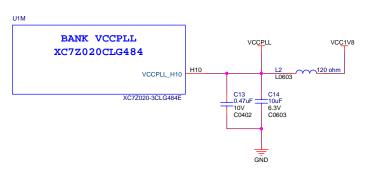
Increase width of VCCPLL route to as wide as possible (target is > 20 mils)

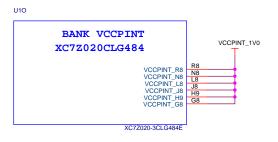
Place C538 inside the VIA field to provide as short as possible connection to VCCPLL (H10) and GND

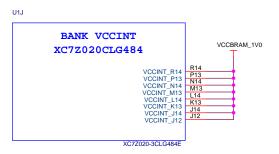
Place C148 inside the open space cross adjacent to H10 for the short possible connection to VCCPLL













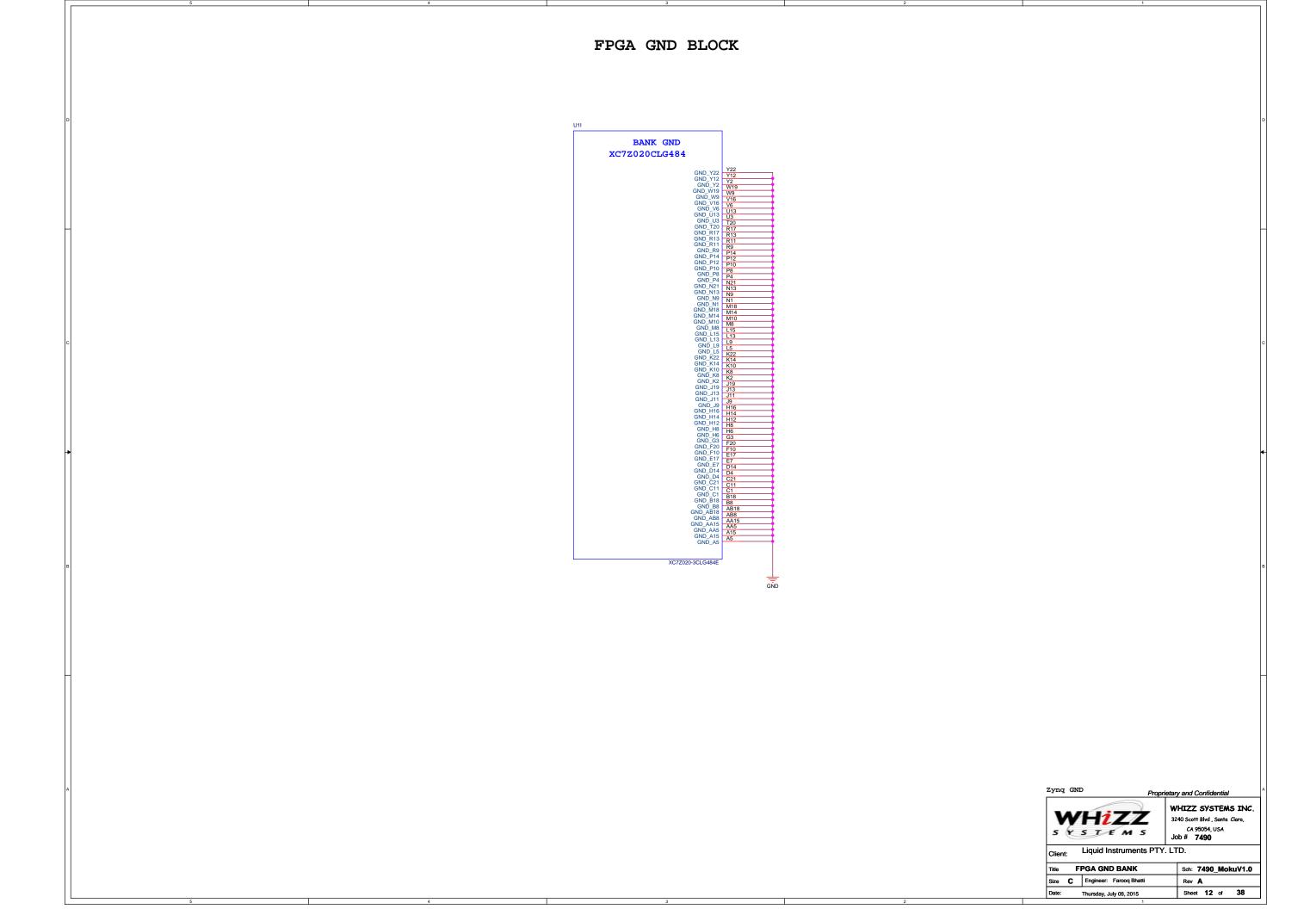
Zynq Power Pins

Proprietary and Confidential

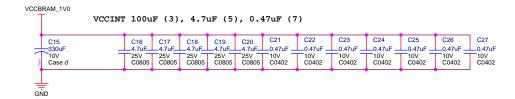


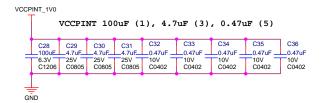
WHIZZ SYSTEMS INC. 3240 Scott Blvd , Santa Clara, CA 95054, USA Job # **7490**

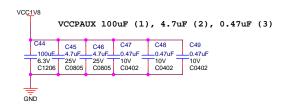
Title	FI	PGA POWER BANKs	Sch: 7490_MokuV1.0
Size	С	Engineer: Farooq Bhatti	Rev A
Date:		Thursday, July 09, 2015	Sheet 11 of 38

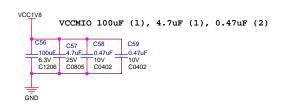


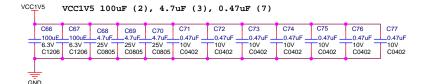
FPGA BYPASS CAPACITORS











/CC	1V8	VCCAU	X 100	uF (1),	4.7uF	(2),	0.47uF (3)	
_	C37 _100uE_	C38 _4.7uF_	C39 _4.7uF_	C40 0.47uF	C41 0.47uF	C42 0.47uF	C43 0.47uF	
_	6.3V C1206	25V C0805	25V C0805	10V C0402	10V C0402	10V C0402	10V C0402	
GI	T ND							

VCCE	RAM_1V0)				
		VCCBR.	AM 100u	ıF (1),	4.7u	F (1), 0.47uF (2)
	C50	C51	C52	C53	C54	C55
=	100uE_	_4.7uF_	0.47uF	0.47uF	4.7uF	0.47uF
	6.3V C1206	25V C0805	10V C0402	10V C0402	25V C0805	10V C0402
GI	ND					

C60	C61	C62	C63	C64	C65	
100uE_	_4.7uF_	_4.7uF_	_0.47uF _	0.47uF	0.47uF	
6.3V	25V	25V	10V	10V	10V	
C1206	C0805	C0805	C0402	C0402	C0402	

Zynq Bypass Capacitors Proprietary and Confidential



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CA 95054, USA
Job # 7490

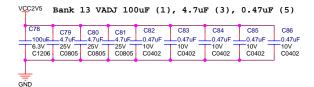
Client: Liquid Instruments PTY. LTD.

Title Zynq Bypass Capacitors Sch: 7490_MokuV1.0

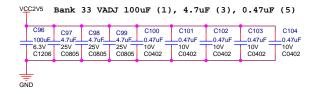
 Size
 C
 Engineer: Farooq Bhatti
 Rev A

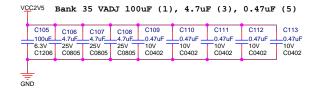
 Date:
 Thursday, July 09, 2015
 Sheet 13 of 38

FPGA BYPASS CAPACITORS



C87	C88	C89	C90	C91	C92	C93	C94	C98
_100uE	_4.7uF_	_4.7uF_	_4.7uF_	_0.47uF _	0.47uF	0.47uF	0.47uF	_0.4
6.3V C1206	25V C0805	25V C0805	25V C0805	10V C0402	10V C0402	10V C0402	10V C0402	10\ C0-







VCC2V5 100uF (1)

Zynq Bypass Capacitors Proprietary and Confidential

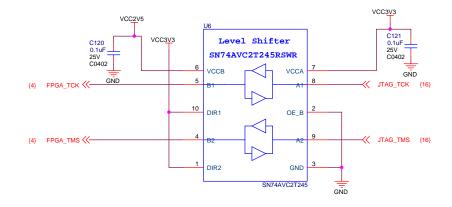


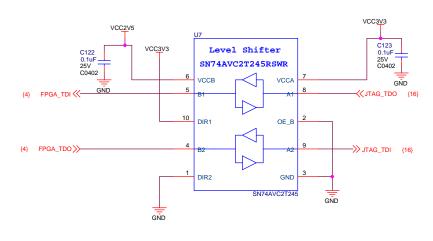
WHIZZ SYSTEMS INC.
3240 Scott Blvd , Santa Clara,
CA 95054, USA
Job # 7490

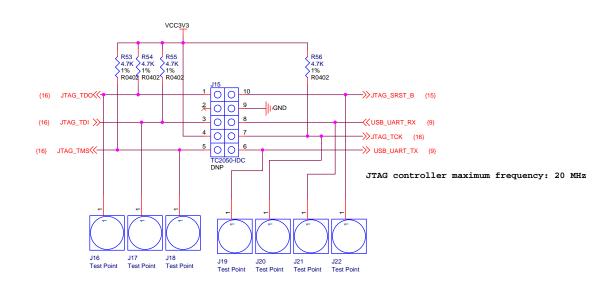
Title Z	nq Bypass Capacitors	Sch: 7490_MokuV1.0
Size C	Engineer: Farooq Bhatti	Rev A
Date:	Thursday, July 09, 2015	Sheet 14 of 38

VOLTAGE SUPERVISOR & MIO Select Jumpers VCC3V3 IC Buffer R35 NC7WZ07P6X {16} JTAG_SRST_B >> →>> PS_SRST_B {9,15} VCC1V8 VCC1V8 POR_B AND SRST_B PUSHBUTTON SWITCHES VOL SUPVR MAX16025TE+ R39 R38 10K 10K 1% 1% R0402 R0402 VCC3V3 12 RESET R47 10K 1% R0402-J4 R46 10K 1% R0402 --✓ MIO2 SELECT (15) - ✓ MIO3_SELECT {15} √⟨MIO4 SELECT {15} -K MIO5 SELECT (15) {9,21} QSPI_CLK >>---- ✓ MIO6_SELECT {15} Pwr Supervisor, Zynq Config WHIZZ SYSTEMS INC. 3240 Scott Blvd , Santa Clara, CA 95054, USA Job # **7490** Liquid Instruments PTY. LTD. Pwr Supervisor, Zynq Config Sch: 7490_MokuV1.0 Size C Engineer: Farooq Bhatti Sheet **15** of **38** Thursday, July 09, 2015

JTAG CONNECTOR







JTAG HDR

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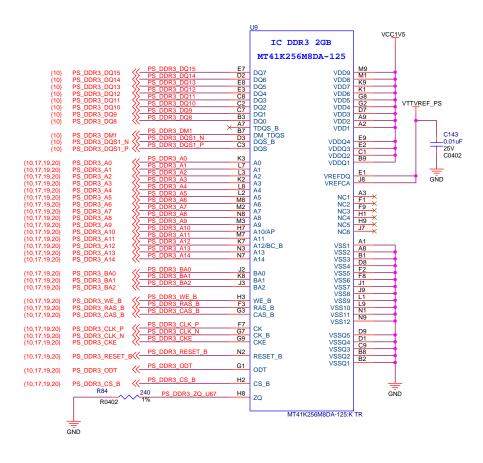


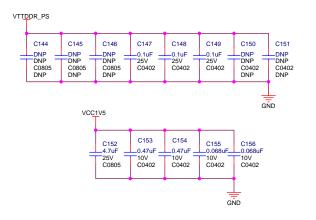
WHIZZ SYSTEMS INC.
3240 Scott Blvd , Santa Clara,
CA 95054, USA
Job # 7490

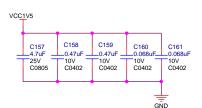
Title	J	TAG HDR	Sch: 7490_MokuV1.0
Size C Engineer: Farooq Bhatti		Engineer: Farooq Bhatti	Rev A
Date:		Thursday, July 09, 2015	Sheet 16 of 38

DDR3 DEVICE 1 Layout Note Route all Data, Address and single ended signals of DDR3 at 40 ohms. Route all diff pairs (CK, CK#) at 80 ohms. Speed Grade: Data Rate -> 1600 MT/s AND CK = 1.25ns IC DDR3 2GB MT41K256M8DA-125 E7 DQ7 E8 DQ6 E3 DQ6 C3 DQ6 C2 DQ3 C7 DQ2 C7 DQ2 C7 DQ2 C7 DQ2 B3 DQ1 A77 DQS B DQS DQS B C3 DQS B K3 VTTDDR_PS VTTVREF_PS ¹ R67 R57 R72 R73 R58 40.2 40.2 40.2 40.2 1% 1% 1% 1% R0402 R0402 R0402 R0402 R69 R70 40.2 40.2 1% 1% R0402 R0402 R59 R60 40.2 40.2 40.2 1% 1% 80402 R61 R62 R74 40.2 40.2 40.2 1% 1% 1% R0402 R0402 R74 R75 R64 R65 40.2 40.2 1% 1% R0402 R0402 R66 R76 R77 R78 R63 40.2 40.2 40.2 40.2 1% 1% 1% 1% 1% 2 R0402 R0402 R0402 R0402 40.2 1% R0402 40.2 1% 10402 10402 10402 10402 VDDQ4 VDDQ3 VDDQ2 VDDQ1 E2 C1 B9 25V C0402 L7 A0 L3 A1 L3 A2 L8 A2 L8 A4 L2 A5 MB A6 M2 A6 M3 A8 M7 A10/AP M7 A11/BC_B M7 A12/BC_B M7 A14 VREFDQ J8 NC1 NC2 NC3 NC4 NC5 NC6 NC6 NC6 NC6 VSS1 A1 VSS1 A8 VSS2 B1 VSS3 D8 VSS4 F2 VSS5 F8 VSS6 J1 VSS7 J9 VSS8 L1 VSS1 L9 VSS1 L9 VSS11 N9 VSS12 (10,18,19,20) PS_DDR3_WE_B PS_DDR3_RAS_ (10,18,19,20) PS_DDR3_RAS_B PS_DDR3_CAS_ (10,18,19,20) PS_DDR3_CAS_B PS_DDR3_CAS_ N2 RESET_B {10,18,19,20} PS_DDR3_RESET_B \(\bigcup \frac{PS_DDR3_RESET_B}{} {10,18,19,20} PS_DDR3_ODT G1 ODT H2 CS_B {10,18,19,20} PS_DDR3_CS_B << PS_DDR3_CS_B R80 PS DDR3 ZQ U66 H8 ZQ R0402 1% 80.6 R81 40.2 1% R0402 MT41K256M8DA-125:K TR VTTDDR_PS VTTDDR_PS C125 C126 C127 C128 C129 C130 C131 C132 4.7uF 4.7uF 4.7uF 0.1uF VCC1V5 VCC1V5 C139 C140 C134 C135 C136 C137 0.068uF 0.068uF 0.068uF 10V 10V 10V 10V 10V C0402 C0402 C0402 C0402 DDR3 PS Device 0 Proprietary and Confidential WHIZZ SYSTEMS INC. WHIZZ 3240 Scott Blvd , Santa Clara, CA 95054, USA SYSTEMS Job # 7490 Liquid Instruments PTY. LTD. Title DDR3 PS Device 0 Sch: 7490_MokuV1.0 Size C Engineer: Farooq Bhatti Rev A Sheet 17 of 38 Date: Thursday, July 09, 2015

DDR3 DEVICE 2







DDR3 PS Device 1

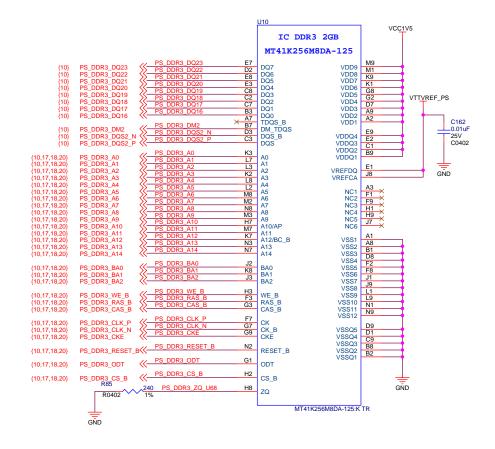
Proprietary and Confidential

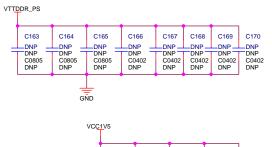


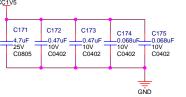
WHIZZ SYSTEMS INC. 3240 Scott Blvd , Santa Clara, CA 95054, USA Job # 7490

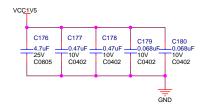
Title D	DR3 PS Device 1	Sch: 7490_MokuV1.0
Size C	Engineer: Farooq Bhatti	Rev A
Date:	Thursday, July 09, 2015	Sheet 18 of 38

DDR3 DEVICE 3









DDR3 PS Device 2

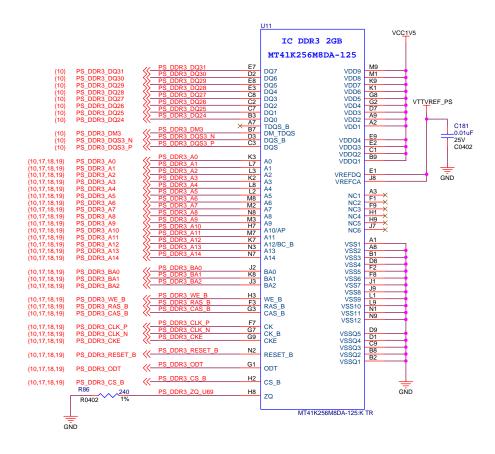
Proprietary and Confidential

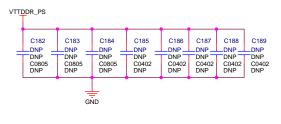


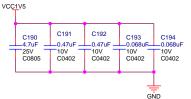
WHIZZ SYSTEMS INC.
3240 Scott Blvd , Santa Clara,
CA 95054, USA
Job # 7490

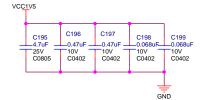
	Title	D	DR3 PS Device 2	Sch: 7490_MokuV1.0			
	Size	С	Engineer: Farooq Bhatti	Rev A			
Ī	Date: Thursday, July 09, 2015			Sheet 19 of 38			

DDR3 DEVICE 4









DDR3 PS Device 3

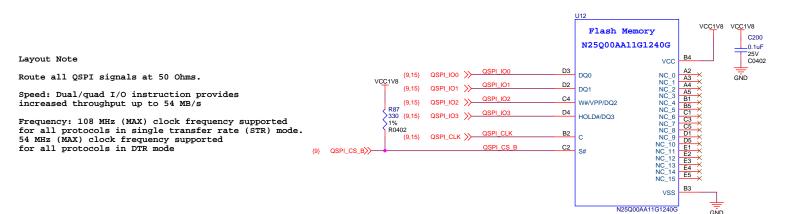
Proprietary and Confidential



WHIZZ SYSTEMS INC.
3240 Scott Blvd , Santa Clara,
CA 95054, USA
Job # 7490

Title	D	DR3 PS Device 3	Sch: 7490_MokuV1.0			
Size	С	Engineer: Farooq Bhatti	Rev A			
Date: Thursday, July 09, 2015			Sheet 20 of 38			

FLASH MEMORY



Quad SPI

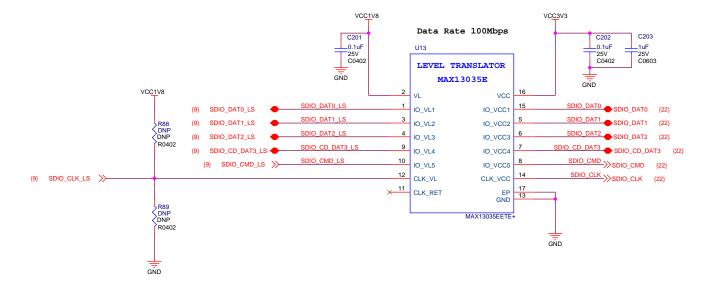
Proprietary and Confidential

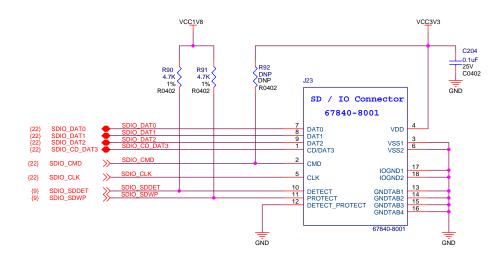


WHIZZ SYSTEMS INC. 3240 Scott Blvd , Santa Clara, CA 95054, USA Job # 7490

Title	Title QUAD SPI				Sch: 7490_MokuV1.0			
Size	O	Engineer: Farooq Bhatti	Rev A					
Date:	Date: Thursday, July 09, 2015			21	of	38		

SD CARD





WHIZZ SYSTEMS INC.

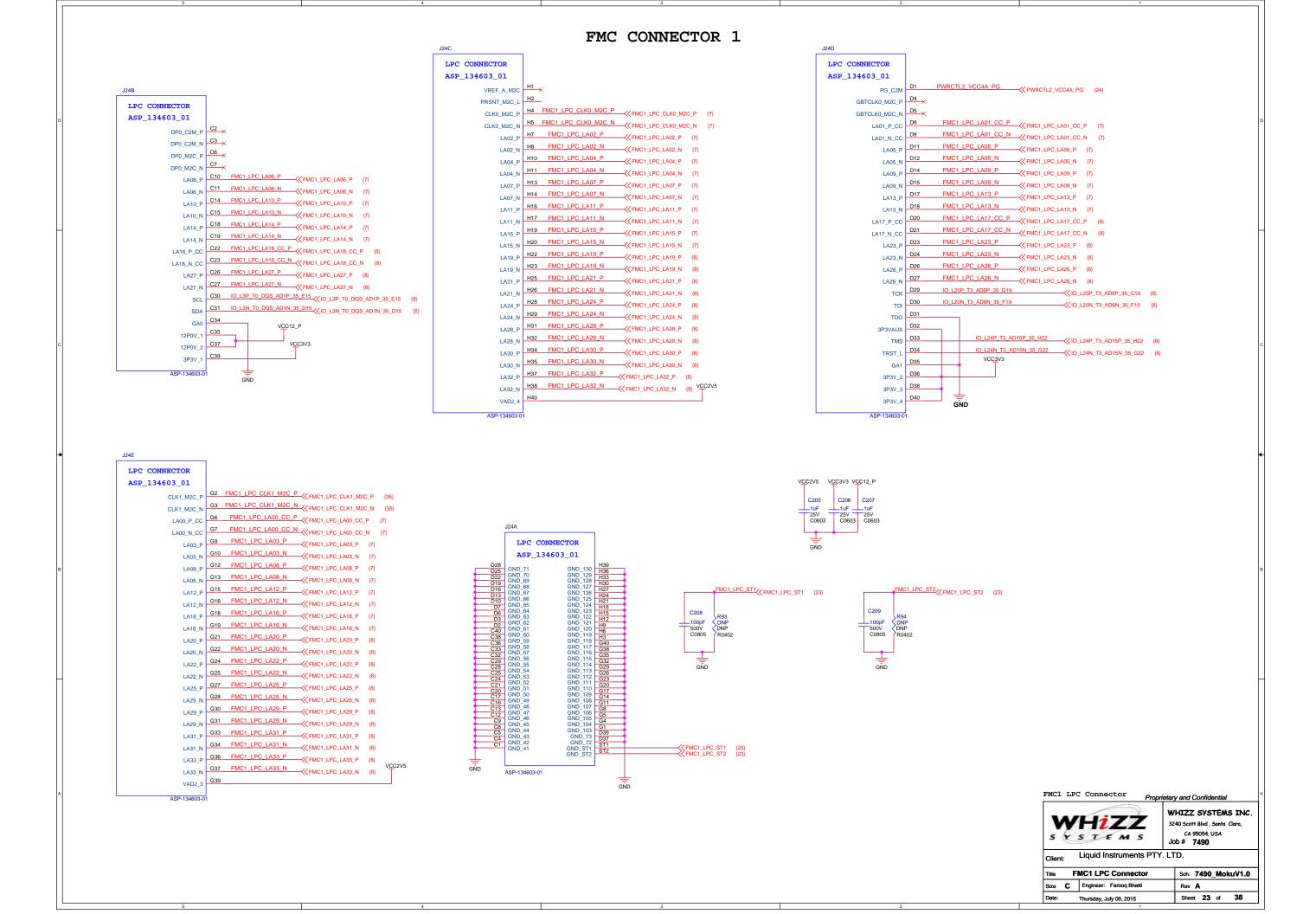
3240 Scott Blvd , Santa Clara,
CA 95054, USA
JOB # 7490

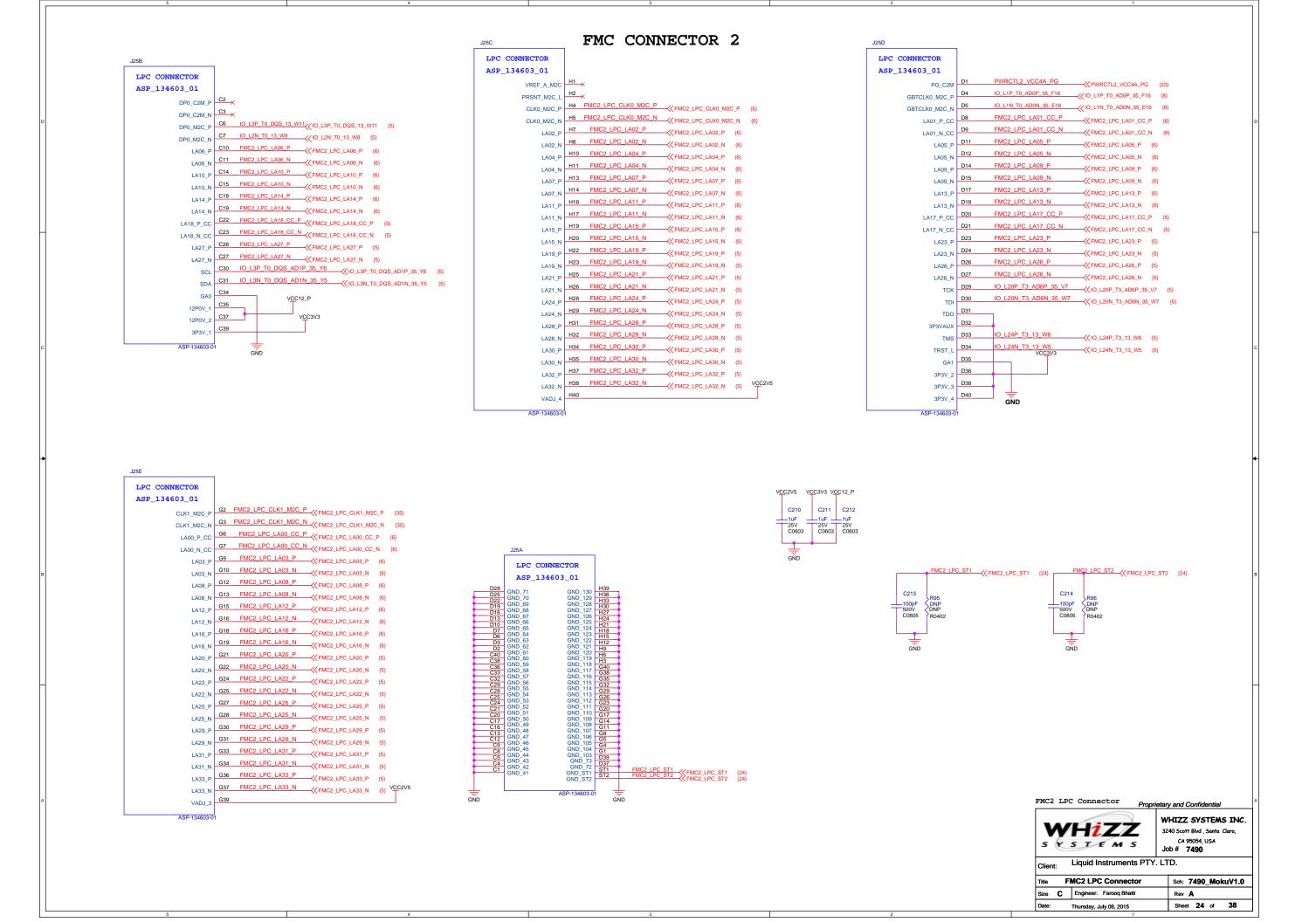
Client: Liquid Instruments PTY. LTD.

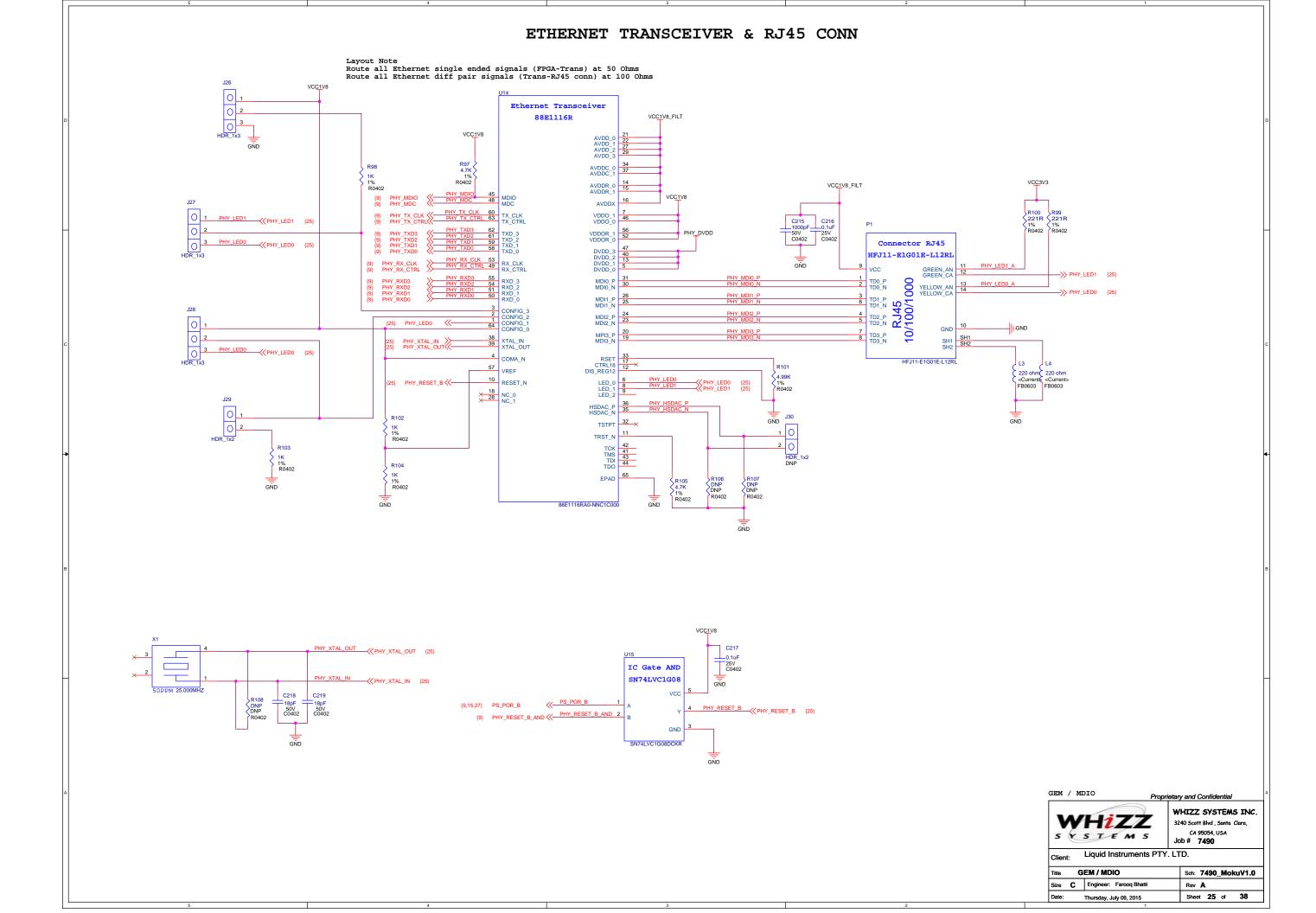
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Size C Engineer: Farooq Bhatti Rev A

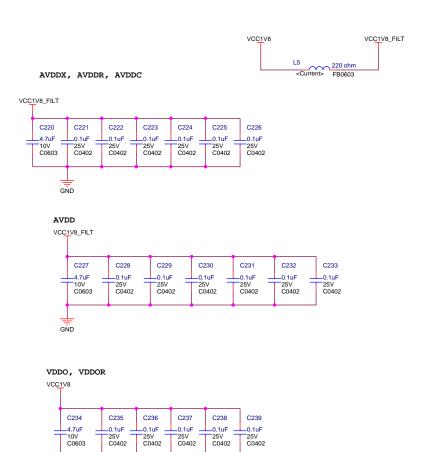
Date: Thursday, July 09, 2015 Sheet 22 of 38

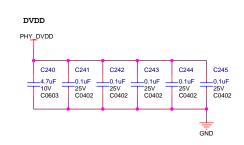






ETHERNET BYPASS CAPACITOR





GEM / MDIO

Proprietary and Confidential

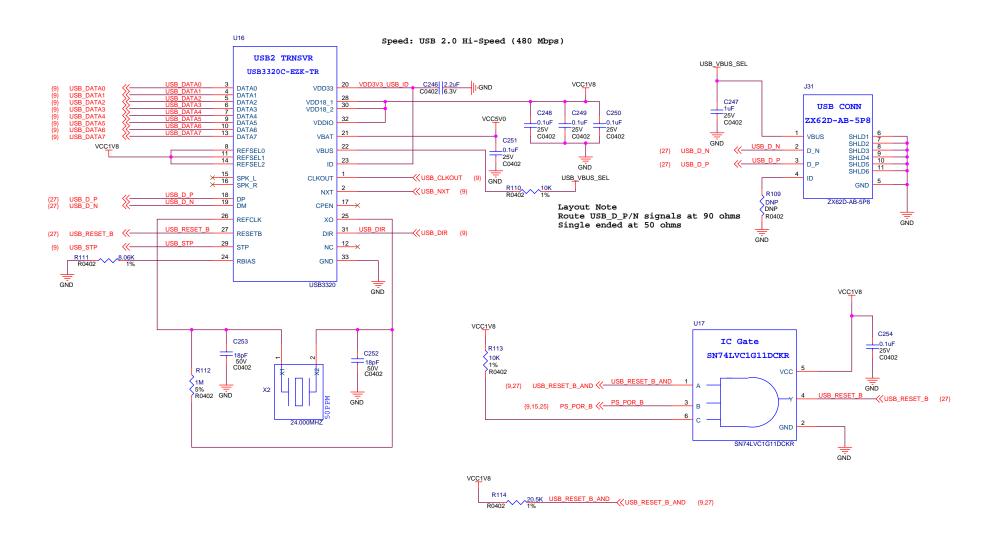


WHIZZ SYSTEMS INC.
3240 Scott Blvd , Santa Clara,
CA 95054, USA
Job # 7490

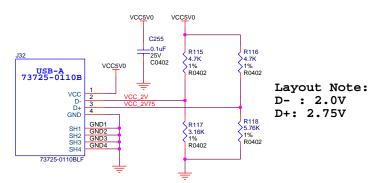
Client: Liquid Instruments PTY. LTD.

Title GEM / MDIO			Sch: 7490_MokuV1.0			
Size	С	Engineer: Farooq Bhatti	Rev A			
Date:		Thursday, July 09, 2015	Sheet 26 of 38			

USB 2.0 TRANSEIVER & USB micro AB CONNECTOR

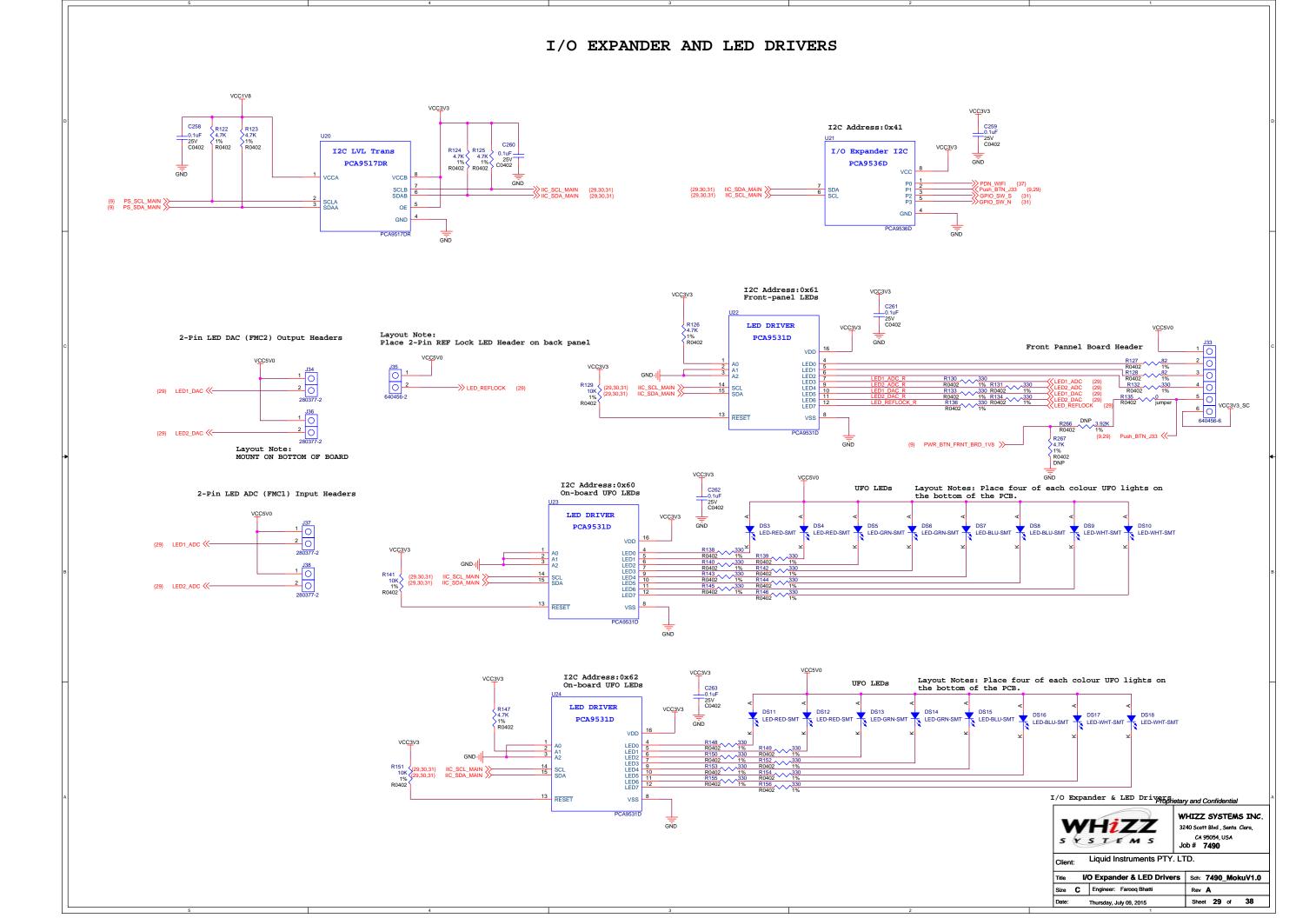


USB-A for Charging at 2000 mA

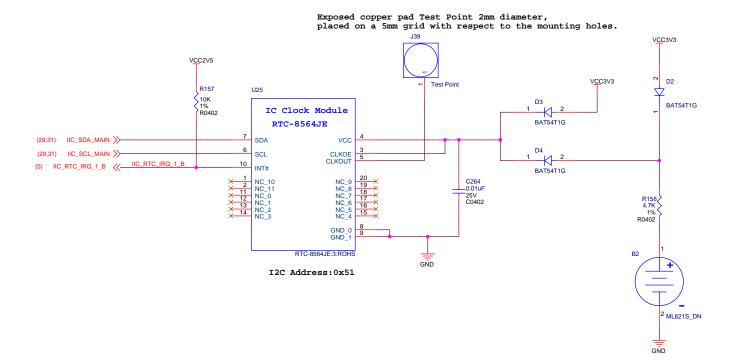




OSCILLATORS {8} SYSCLK_P << SYSCLK_P Osc 200MHz C256 -0.1uF 25V C0402 SIT9102AI-243N25E R119 100 1% R0402 (8) SYSCLK_N < SYSCLK_N Osc 50PPM SIT8103AC-23-18E 33.3333 MHz SIT8103AC-23-18E-33.33333MHz Clocks Proprietary and Confidential WHIZZ SYSTEMS INC. 3240 Scott Blvd , Santa Clara, CA 95054, USA Job # **7490** SYSTEMS Client: Liquid Instruments PTY. LTD. Title CLOCKS Sch: **7490_MokuV1.0** Size C Engineer: Farooq Bhatti Date: Thursday, July 09, 2015 Rev A Sheet **28** of **38**



RTC CLOCK MODULE



IIC Real Time Clock, Port Expander
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WHIZZ SYSTEMS INC. 3240 Scott Blvd , Santa Clara, CA 95054, USA Job# **7490**

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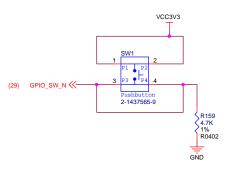
Т	Title IIC Real Time Clock			Sch: 7490_MokuV1.0			
s	ize	С	Engineer: Farooq Bhatti	Rev A			
D	ate:		Thursday, July 09, 2015	Sheet 30 of 38			

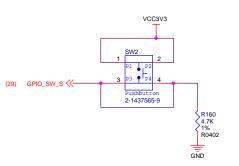
GPIO SWITCHES

Layout Note: Place tactile switches on bottom of the board

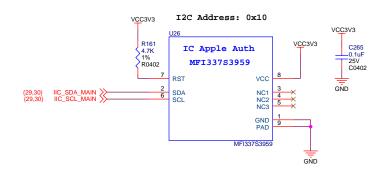
Factory Reset Button

Wifi On/Off Button





Apple Auth Coprocessor



GPIO Switches and Apple Auth Coprocessor

Proprietary and Confidential



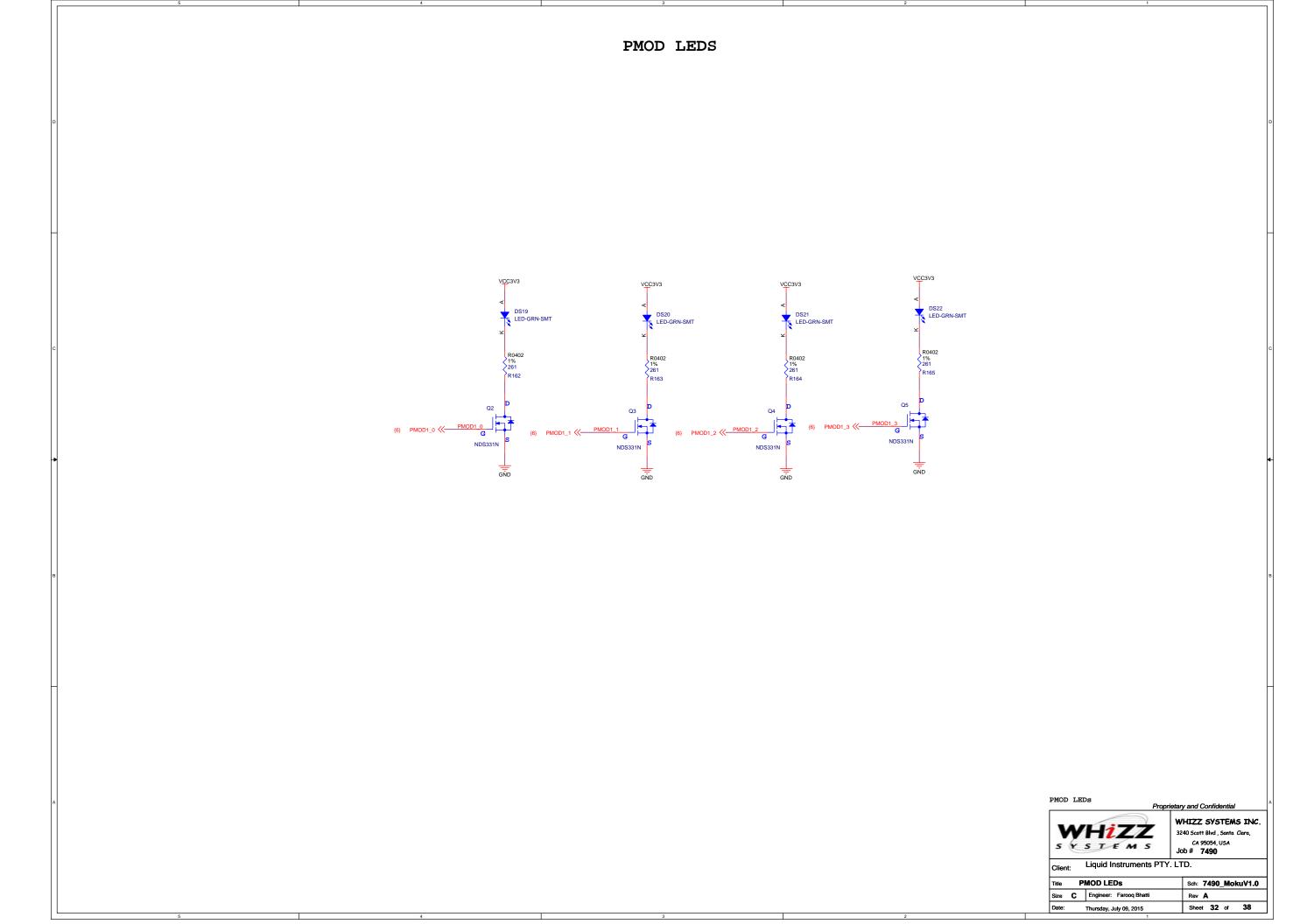
WHIZZ SYSTEMS INC. 3240 Scott Blvd , Santa Clara, CA 95054, USA Job # **7490**

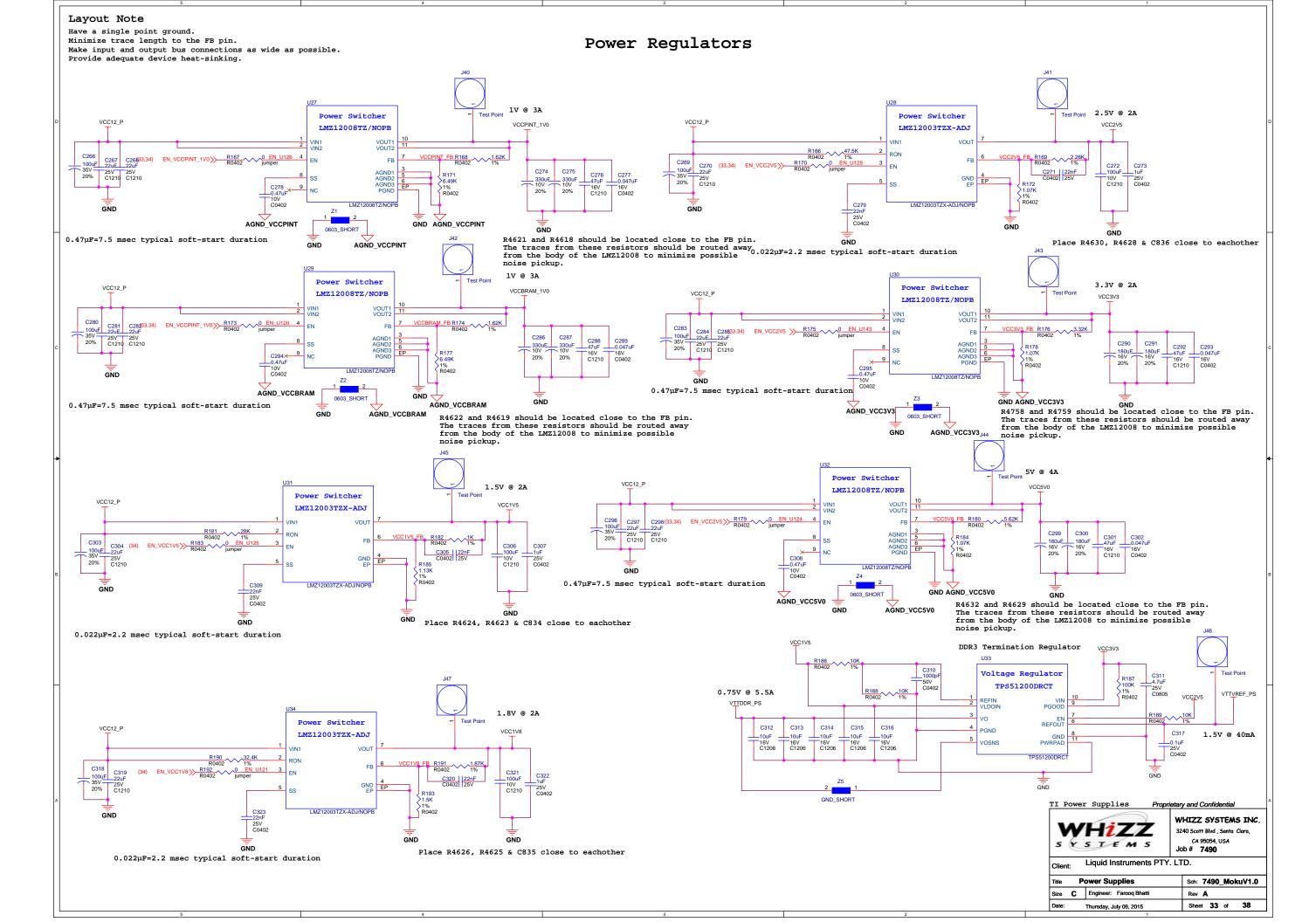
Client: Liquid Instruments PTY. LTD.

 Title
 GPIO Switch
 Sch: 7490_MokuV1.0

 Size
 C
 Engineer: Farooq Bhatti
 Rev A

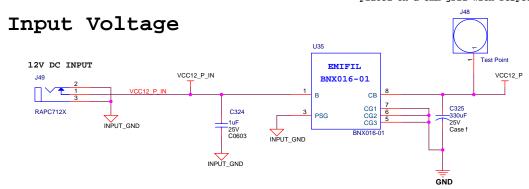
 Date:
 Thursday, July 09, 2015
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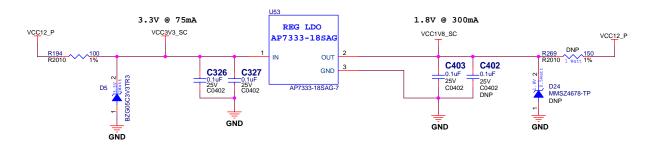


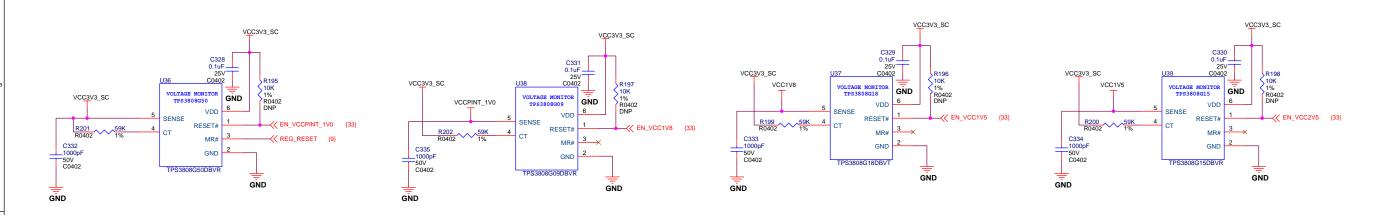


Power Management/Sequencing System

Exposed copper pad Test Point 2mm diameter, placed on a 5mm grid with respect to the mounting holes.







Power Sequencing

VCCPINT(VCCPINT_1V0), VCCINT/VCCBRAM(VCCBRAM_1V0)-> VCCAUX, VCCPAUX, VCCPLL(VCC1V8)-> VCCO(VCC1V5) -> VADJ(VCC2V5), VCC3V3, VCC5V0

Voltage New	Name in Design	Voltage Value	Maximum Current measured	New DC-DC design will support
VCCPINT	VCCPINT_1V0	1.0V	1.3	3
VCCO_DDR	VCC1V5	1.5V	0.6	2
VCCINT, VCCBRAM	VCCBRAM_1V0	1.0V	1.506	3
VCCMIO, VCCAUX, VCCPAUX	VCC1V8	1.8V	0.615	2
VCC3V3	VCC3V3	3.3V	0.5	2
VCC2V5, VADJ	VCC2V5	2.5V	0.35	2
VCC5V0	VCC5V0	5.0V	2.5	4
	VCCPINT VCCO_DDR VCCINT, VCCBRAM VCCMIO, VCCAUX, VCCPAUX VCC3V3 VCC2V5, VADJ	VCCPINT VCCPINT_1V0 VCCO_DDR VCC1V5 VCCINT, VCCBRAM VCCBRAM_1V0 VCCMIO, VCCAUX, VCCPAUX VCC1V8 VCC3V3 VCC3V3 VCC2V5, VADJ VCC2V5	VCCPINT VCCPINT_1V0 1.0V VCCO_DDR VCC1V5 1.5V VCCINT, VCCBRAM VCCBRAM_1V0 1.0V VCCMIO, VCCAUX, VCCPAUX VCC1V8 1.8V VCC3V3 VCC3V3 3.3V VCC2V5, VADJ VCC2V5 2.5V	VCCPINT VCCPINT_1V0 1.0V 1.3 VCCO_DDR VCC1V5 1.5V 0.6 VCCINT, VCCBRAM VCCBRAM_1V0 1.0V 1.506 VCCMIO, VCCAUX, VCCPAUX VCC1V8 1.8V 0.615 VCC3V3 VCC3V3 3.3V 0.5 VCC2V5, VADJ VCC2V5 2.5V 0.35

Power Connector and switch

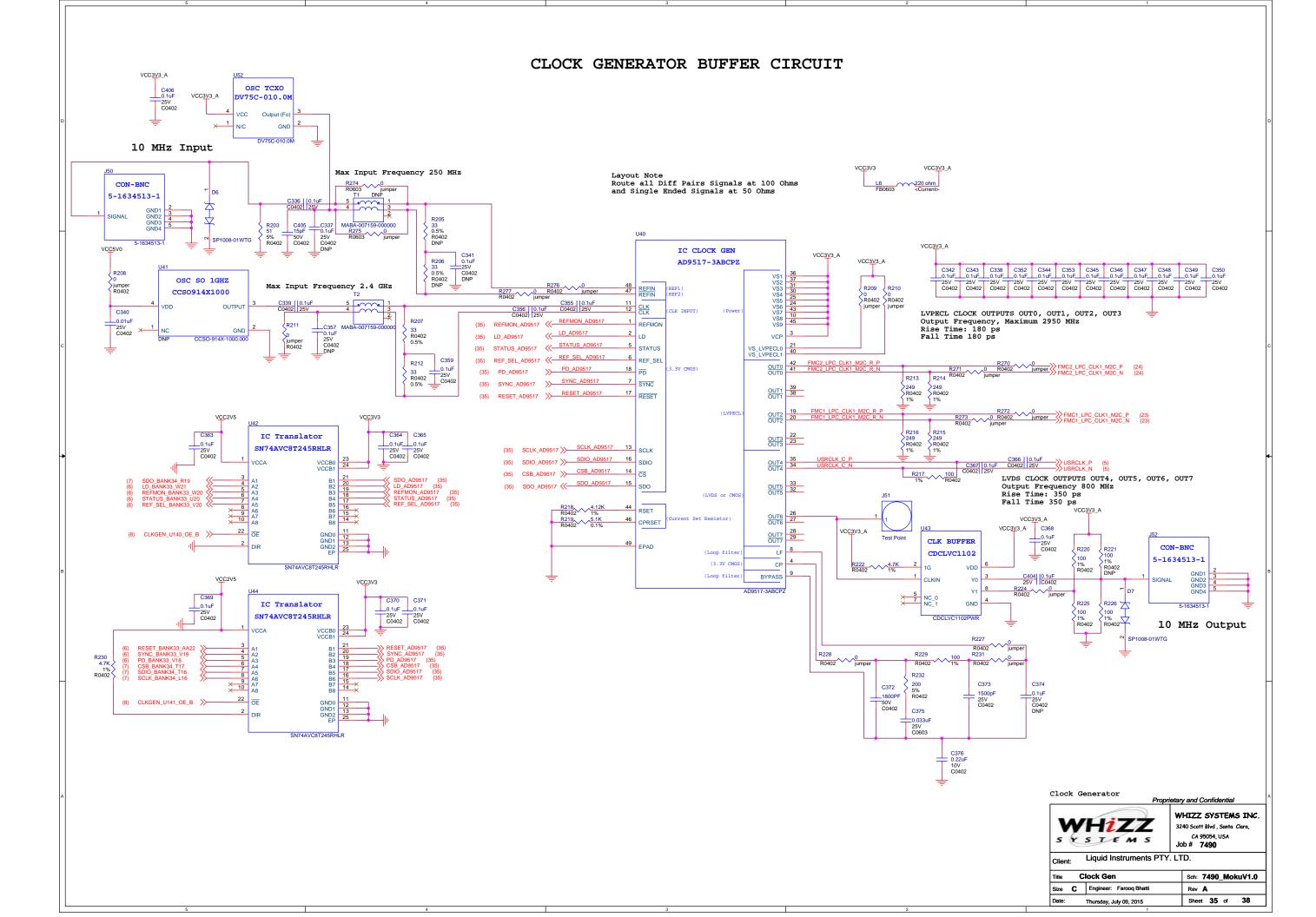
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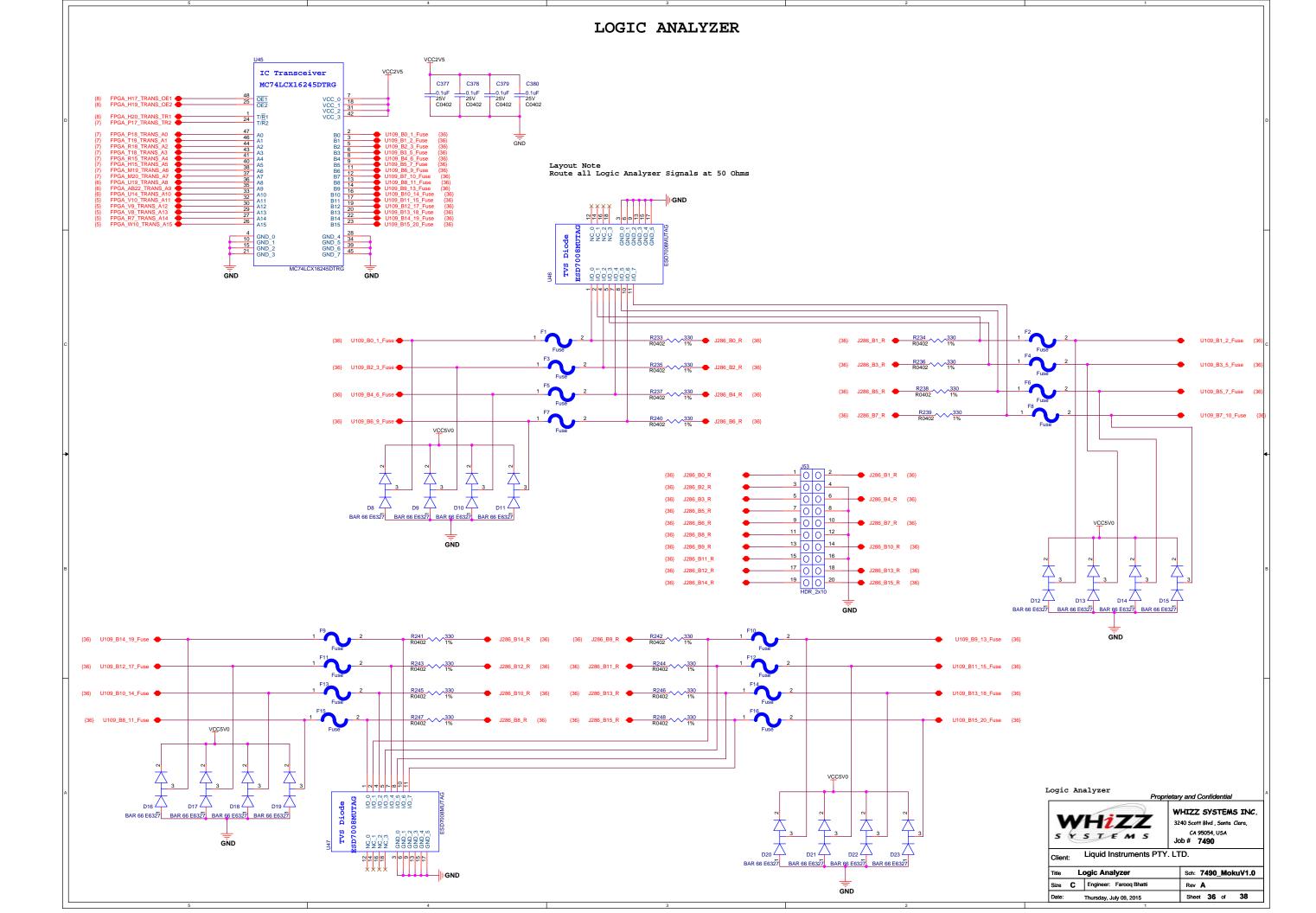
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Job # 7490

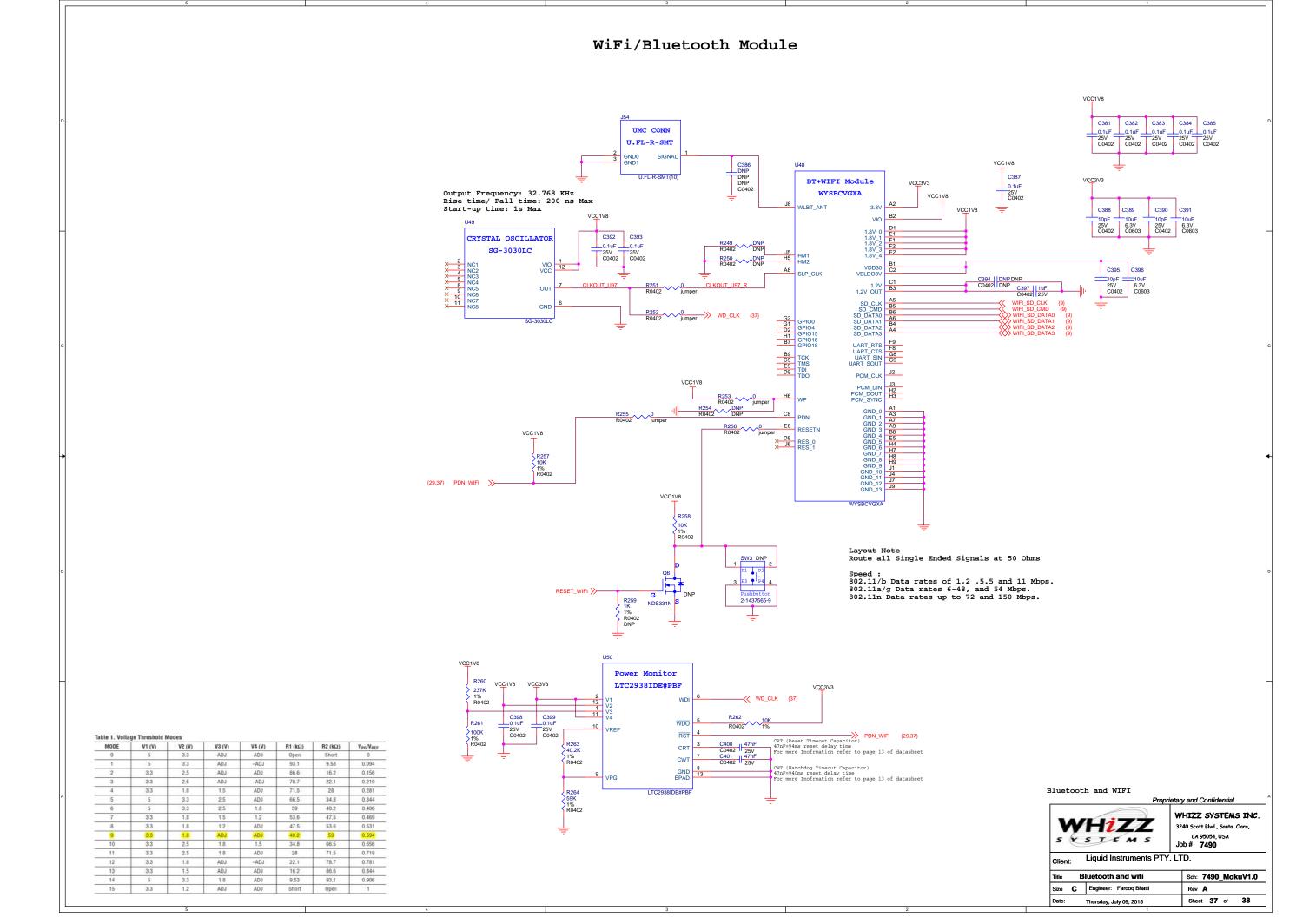
Liquid Instruments PTY. LTD.

Power Connector and switch Sch: 7490_MokuV1.0

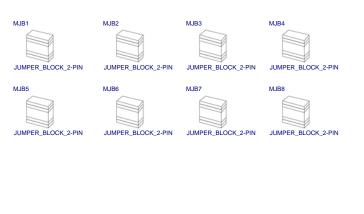
Size C Engi	neer: Farooq Bhatti	Rev A				
Date: Thurs	day, July 09, 2015	Sheet	34	of	38	







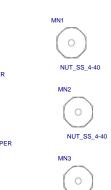
MECHANICAL COMPONENTS





STANDOFF_0P625

STANDOFF_0P625

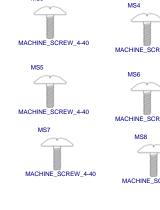


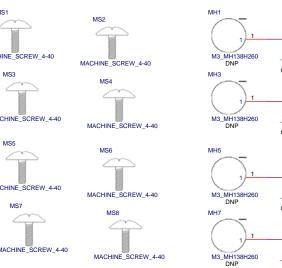
NUT_SS_4-40

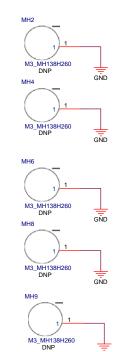
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NUT_SS_4-40

RUBBER_BUMPER









WHIZZ SYSTEMS

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Liquid Instruments PTY. LTD. Title Mechanical Sch: 7490_MokuV1.0

Size C Engineer: Farooq Bhatti Rev A Sheet **38** of **38** Date: Thursday, July 09, 2015