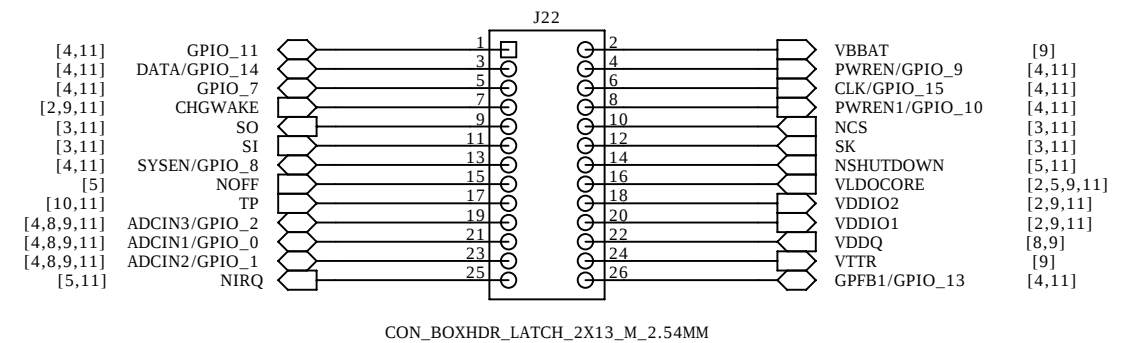
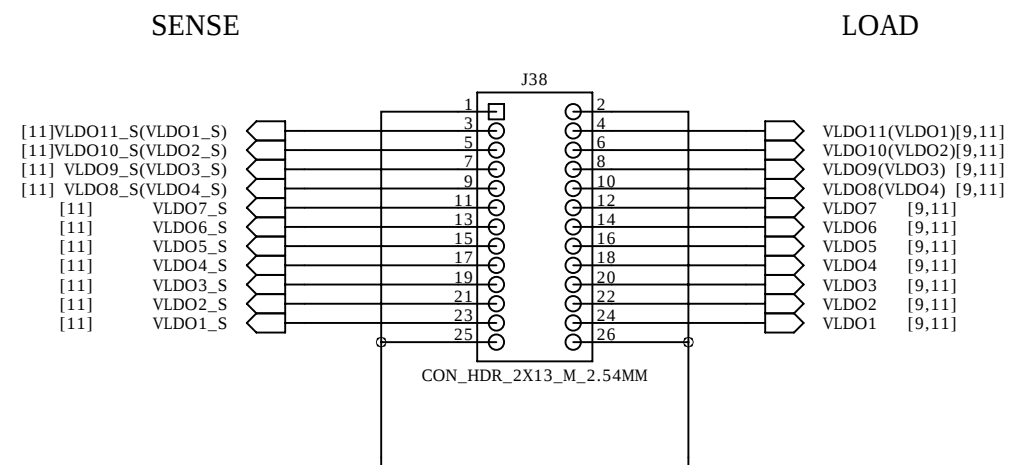
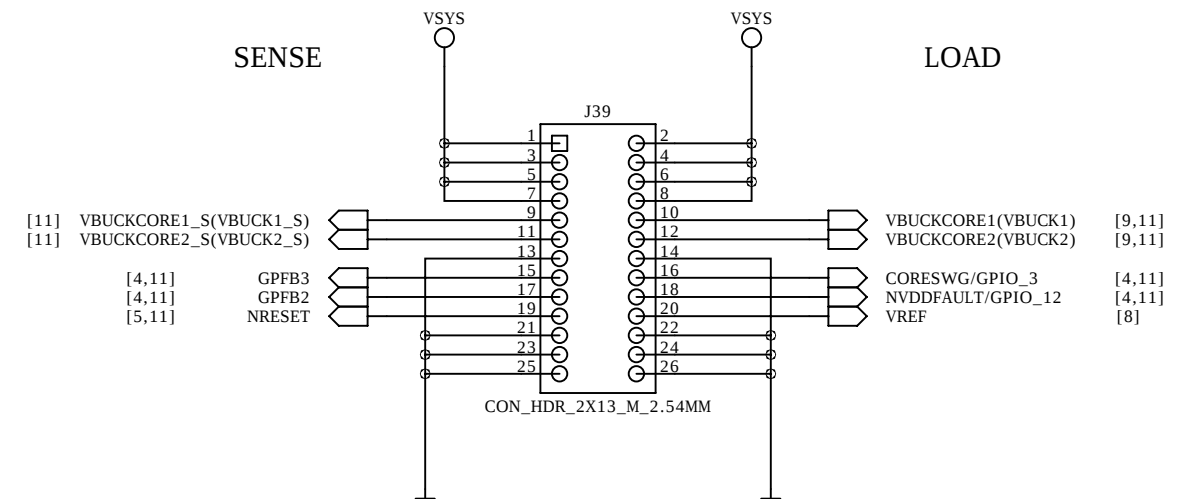
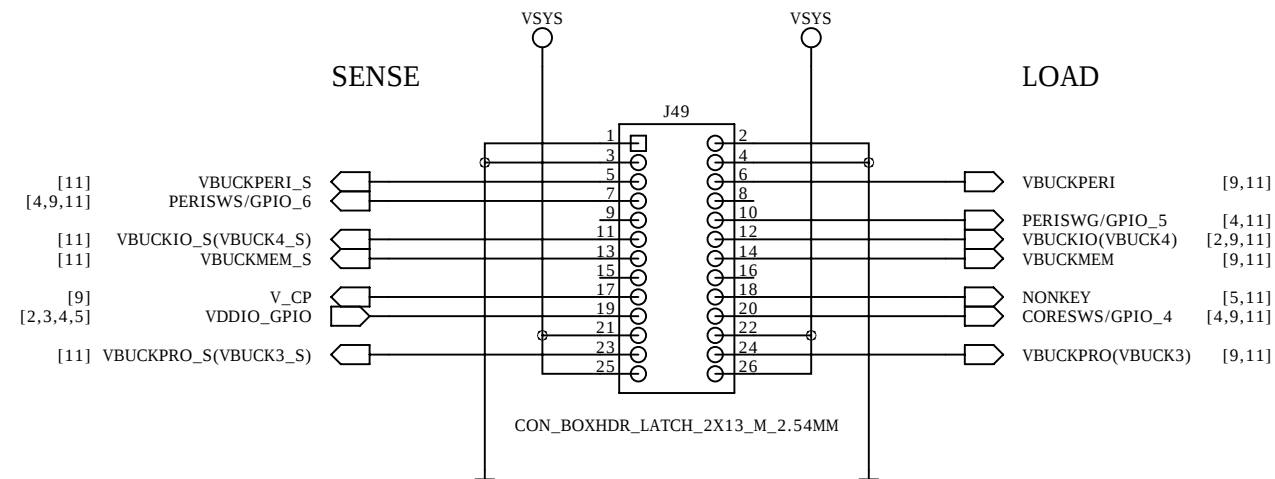


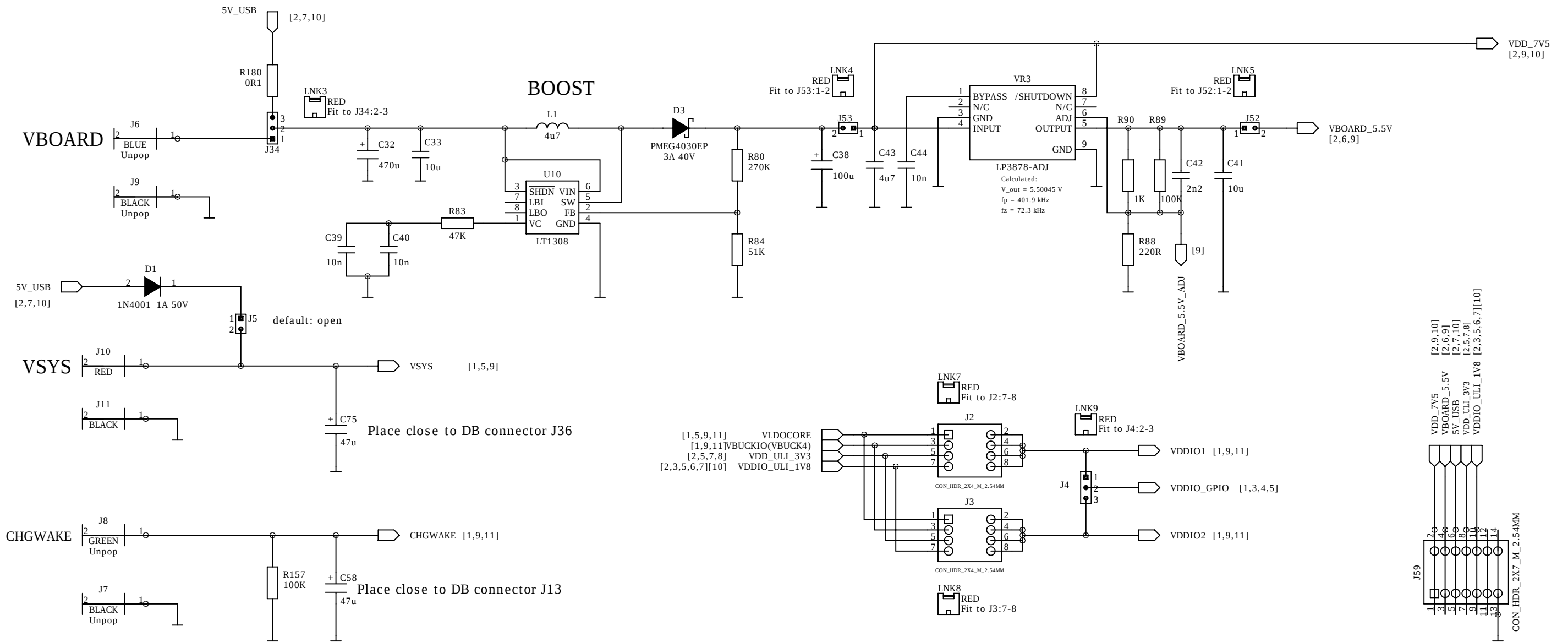


PROPRIETARY INFORMATION

PREPARED:	DATED:
TG	18/07/2016
RESPONSIBLE:	DATED:
AS	09-01-2014

TITLE:		DA9061/62/63 MotherBoard 232-01-B1	
DRAWING NO:	REV:		
232-01-B	3		
SHEET NAME:		PAGE:	
[1]_BOARD_IF_HEADERS		1 OF 12	



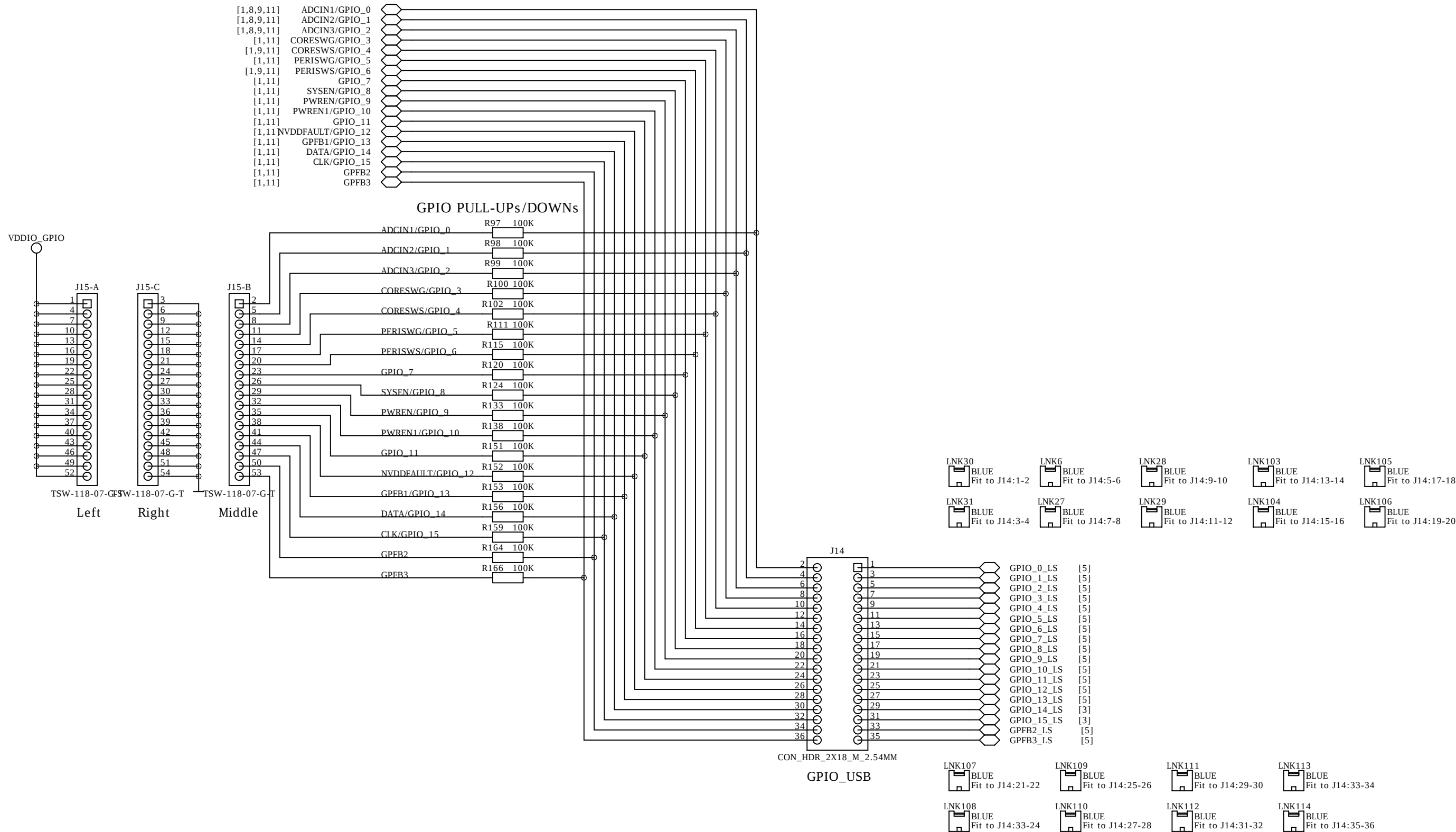


SCHEMATIC TEMPLATE REV PA2 (November 30, 2011) DIALOG DOCUMENT NUMBER 31-902-03

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PREPARED:	DATED:	DRAWING NO:	REV:		
TG	18/07/2016	232-01-B	3		
RESPONSIBLE:	DATED:	SHEET NAME:		PAGE:	
AS	09-01-2014	[2]_PWR_IN		2 OF 12	

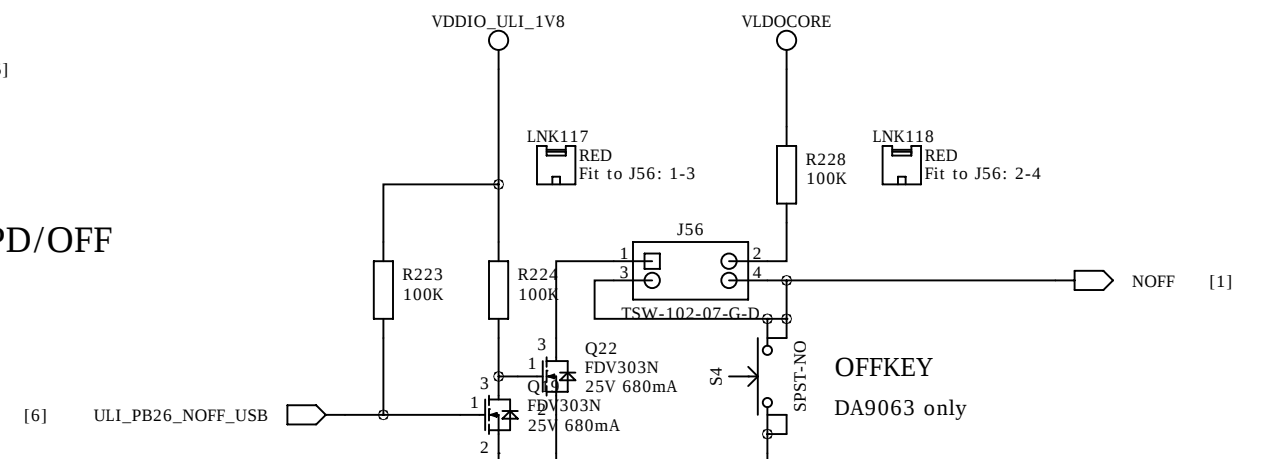
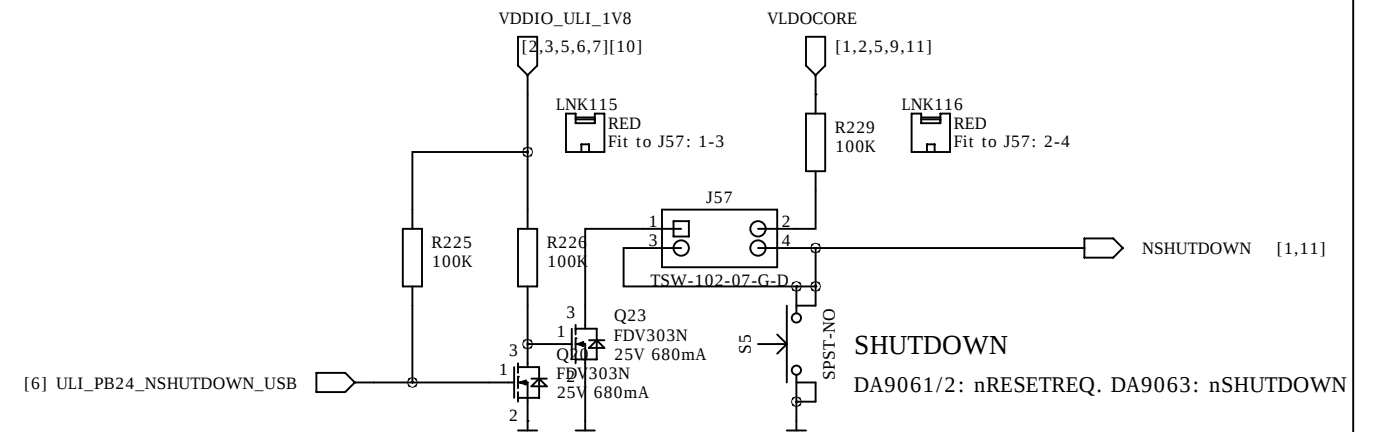
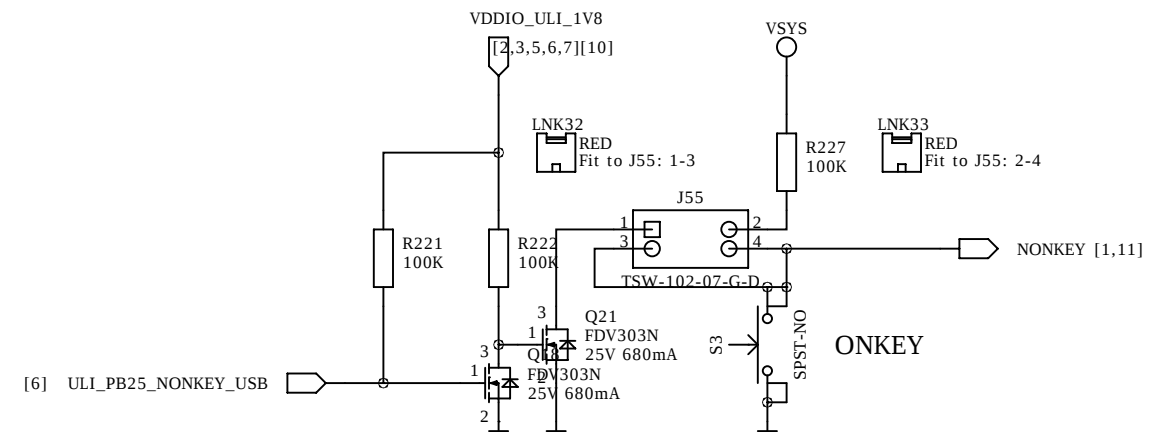


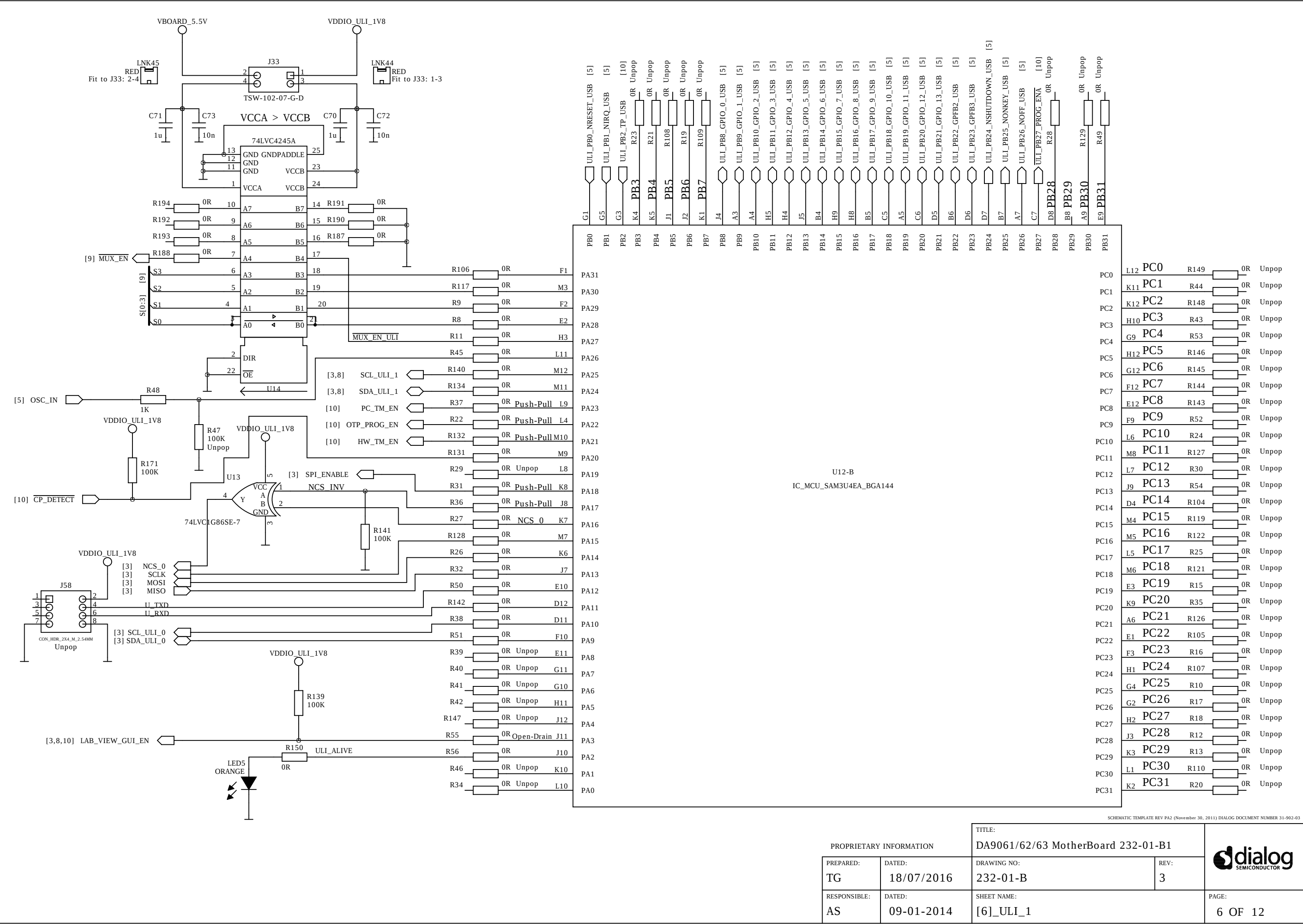
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3 OF 12



SCHEMATIC TEMPLATE REV PA2 (November 30, 2011) DIALOG DOCUMENT NUMBER 31-902-03

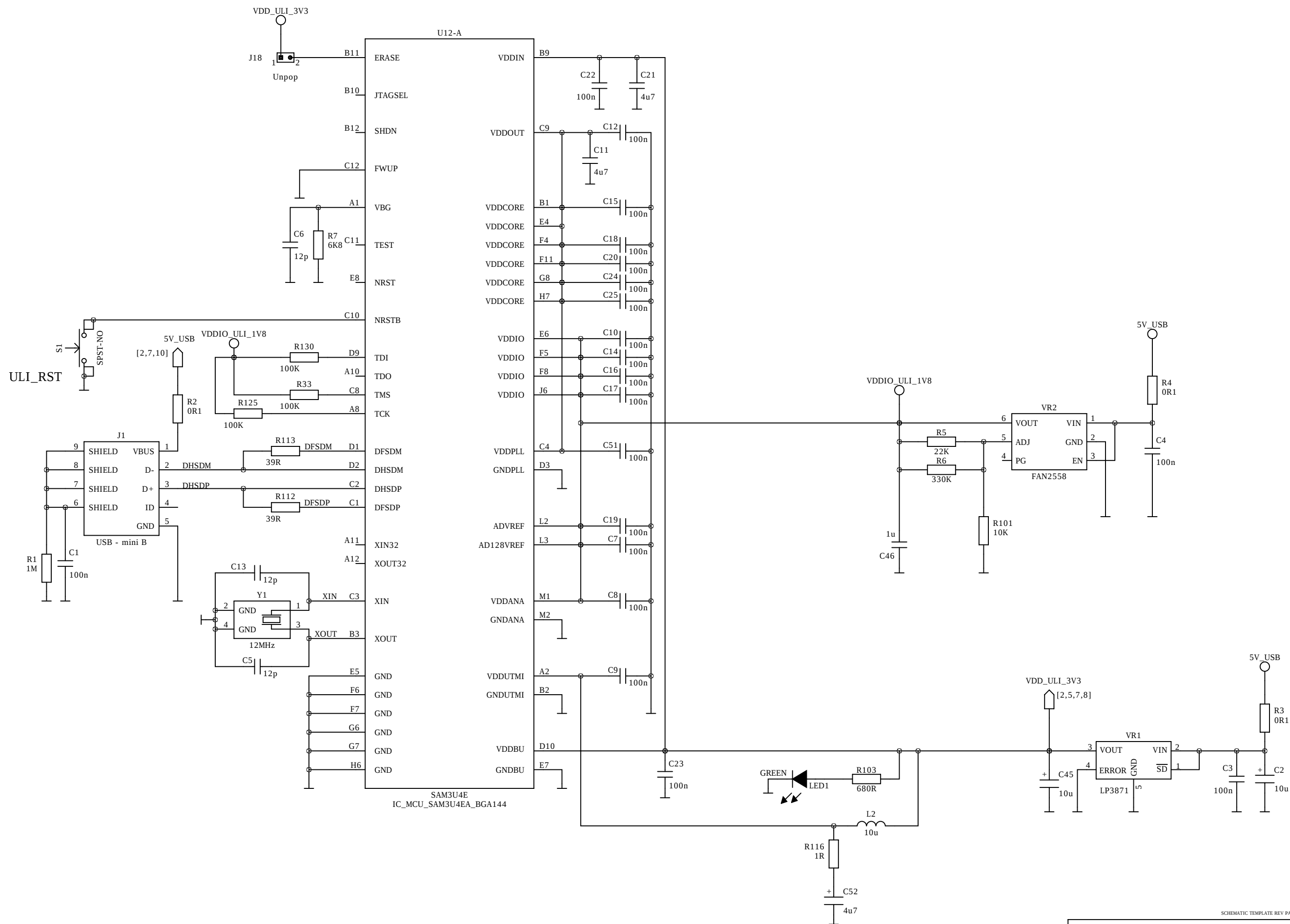
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PREPARED: TG	DATED: 18/07/2016	DRAWING NO: 232-01-B	REV: 3	
RESPONSIBLE: AS	DATED: 09-01-2014	SHEET NAME: [4]_GPIO_LS		PAGE: 4 OF 12





SCHEMATIC TEMPLATE REV PA2 (November 30, 2011) DIALOG DOCUMENT NUMBER 31-902-03

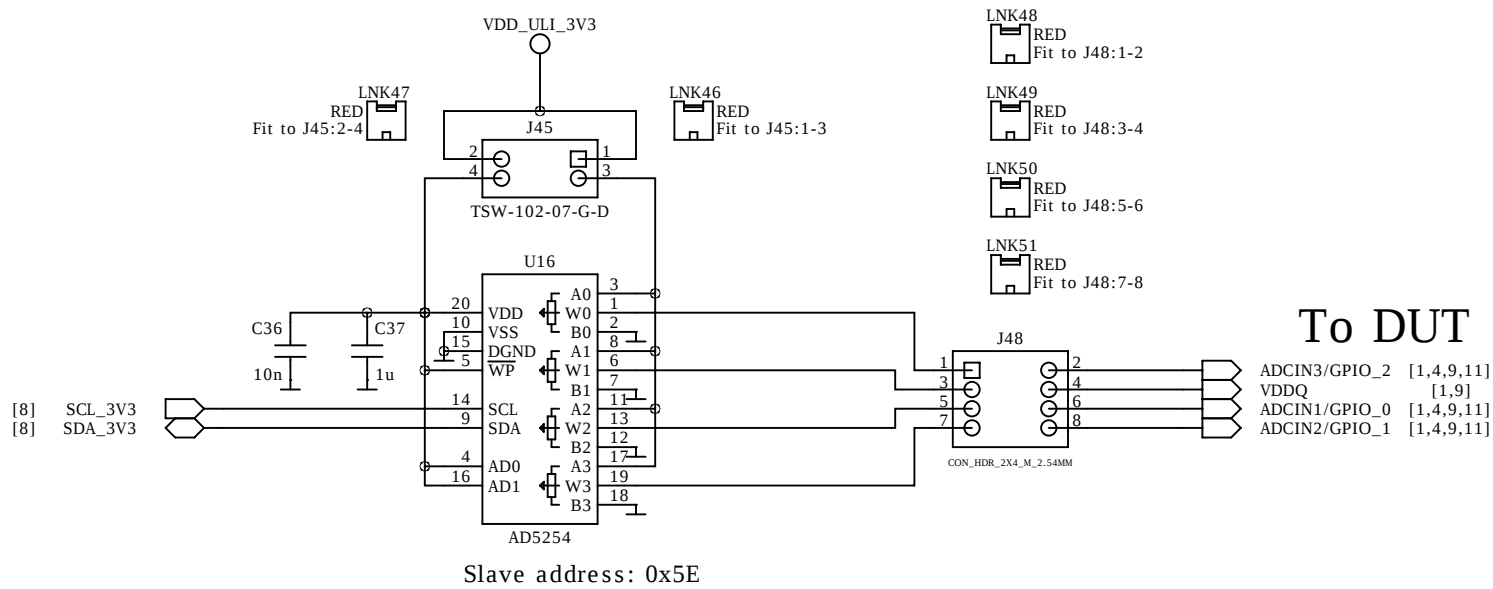
PROPRIETARY INFORMATION		TITLE: DA9061/62/63 MotherBoard 232-01-B1		
PREPARED: TG	DATED: 18/07/2016	DRAWING NO: 232-01-B	REV: 3	
RESPONSIBLE: AS	DATED: 09-01-2014	SHEET NAME: [6]_ULI_1		PAGE: 6 OF 12



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PROPRIETARY INFORMATION		TITLE:	
PREPARED:	DATED:	DA9061/62/63 MotherBoard 232-01-B1	
TG	18/07/2016	DRAWING NO:	REV:
RESPONSIBLE:	DATED:	232-01-B	3
AS	09-01-2014	SHEET NAME:	PAGE:
		[7]_ULI_2	7 OF 12



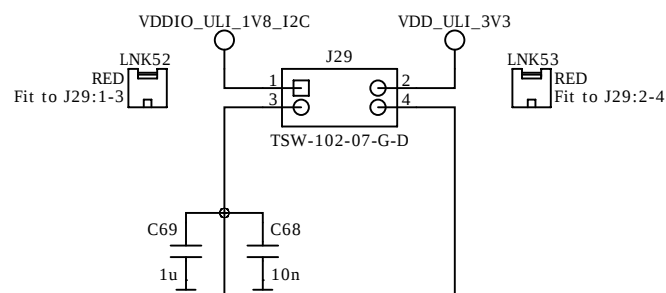
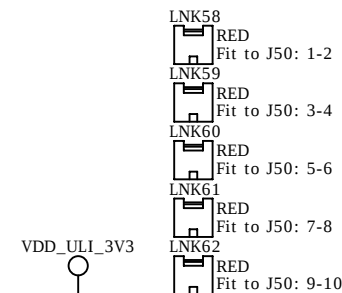


To DUT

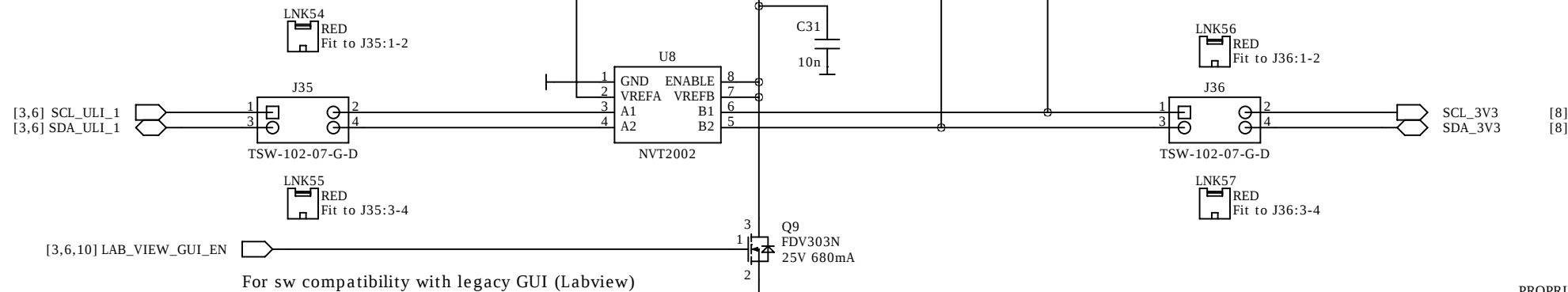
ADCIN3/GPIO_2 [1,4,9,11]
VDDQ [1,9]
ADCIN1/GPIO_0 [1,4,9,11]
ADCIN2/GPIO_1 [1,4,9,11]

[9] V_CP_OUT
[9] MUX0_OUTPUT
[9] MUX1_OUTPUT
[9] VBBAT_OUT

[1] VREF



To electronic potentiometer and ADC



For sw compatibility with legacy GUI (Labview)

SCHEMATIC TEMPLATE REV PA2 (November 30, 2011) DIALOG DOCUMENT NUMBER 31-902-03

PROPRIETARY INFORMATION

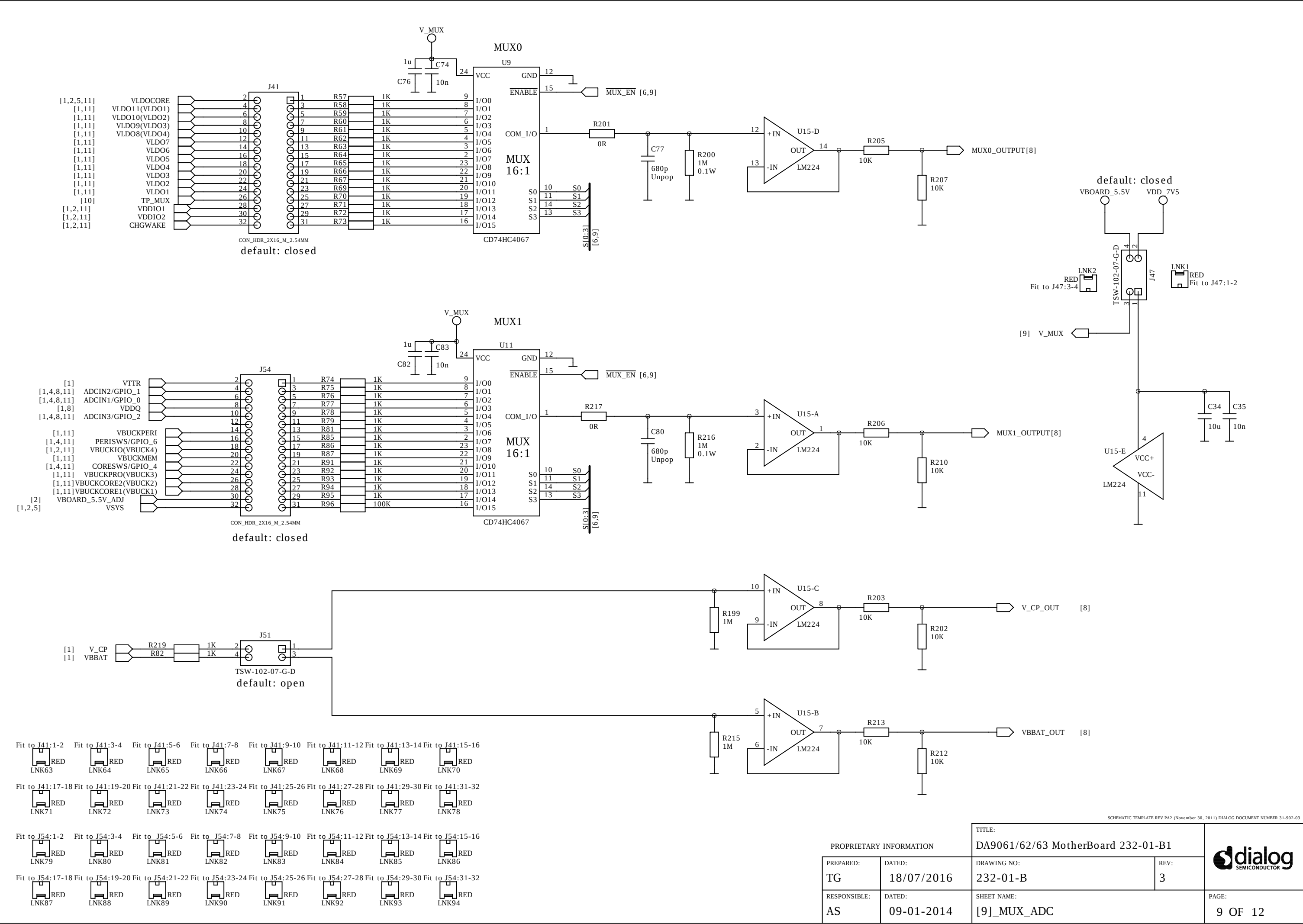
PREPARED: TG
DATED: 18/07/2016
RESPONSIBLE: AS
DATED: 09-01-2014

TITLE: DA9061/62/63 MotherBoard 232-01-B1

DRAWING NO: 232-01-B
REV: 3
SHEET NAME: [8]_ANALOG_IO



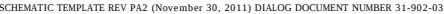
PAGE: 8 OF 12



SCHMATIC TEMPLATE REV PA2 (November 30, 2011) DIALOG DOCUMENT NUMBER 31-902-03

TITLE:			
DA9061/62/63 MotherBoard 232-01-B1			
DRAWING NO:		REV:	
232-01-B		3	
SHEET NAME:		PAGE:	
[9]_MUX_ADC		9 OF 12	

PROPRIETARY INFORMATION			
PREPARED:	DATED:		
TG	18/07/2016		
RESPONSIBLE:	DATED:		
AS	09-01-2014		



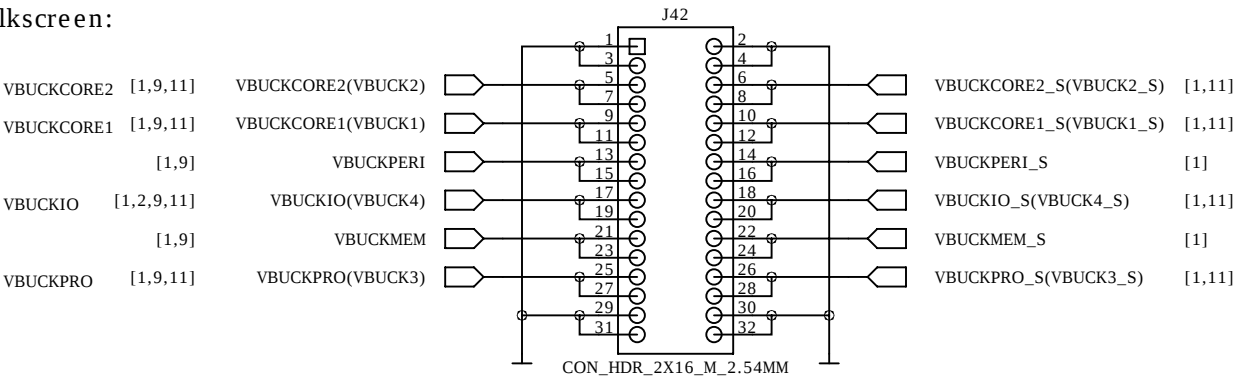
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PREPARED: TG	DATED: 18/07/2016	DRAWING NO: 232-01-B	REV: 3	
RESPONSIBLE: AS	DATED: 09-01-2014	SHEET NAME: [10]_PC_MODE		PAGE: 10 OF 12

LOAD

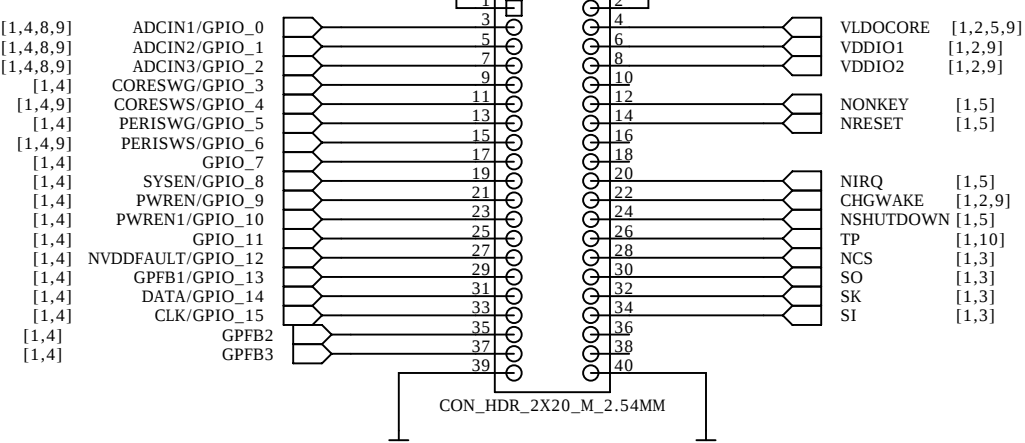
SENSE

Silkscreen:
DA9063

Silkscreen:

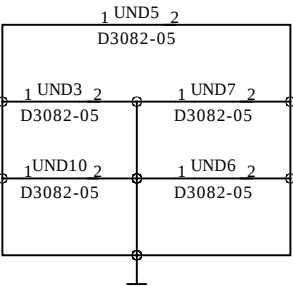
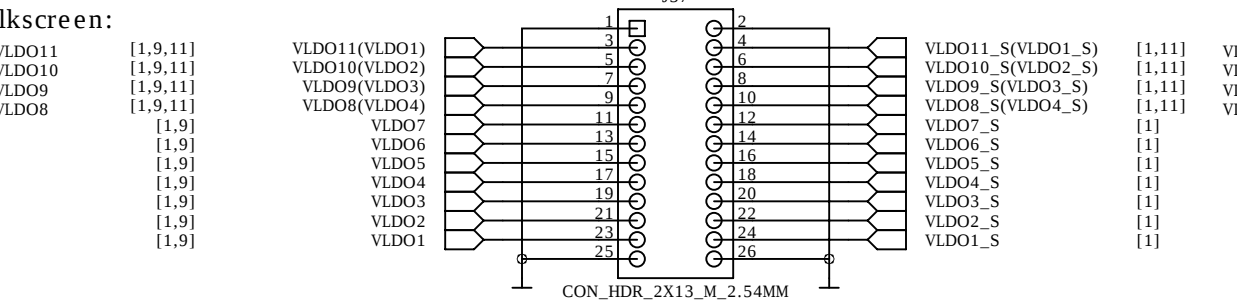


Silkscreen:



Silkscreen:
DA9063

Silkscreen:



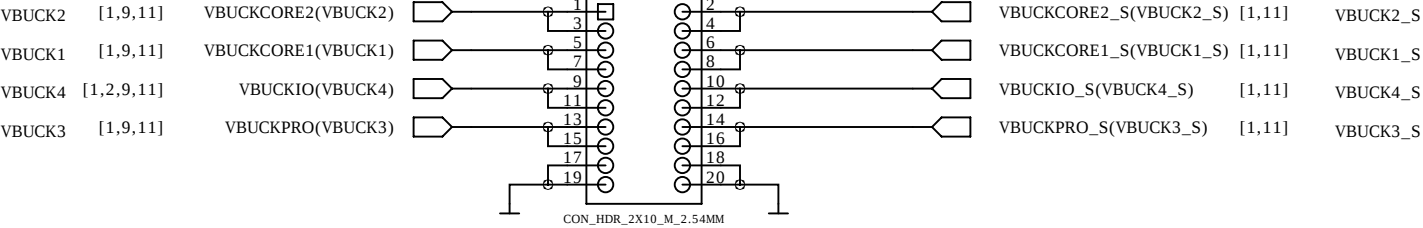
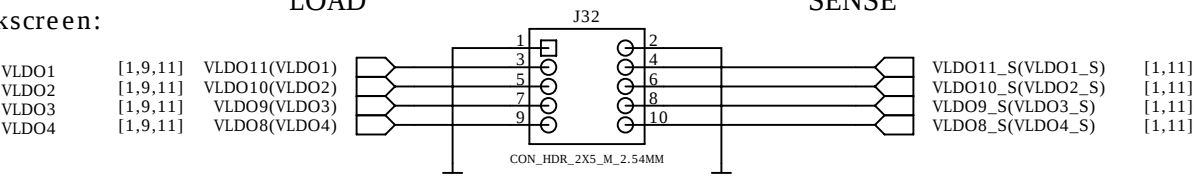
Silkscreen:
DA9061/2

Silkscreen:

LOAD

SENSE

Silkscreen:



PROPRIETARY INFORMATION

PREPARED:	DATED:
TG	18/07/2016
RESPONSIBLE:	DATED:
AS	09-01-2014

TITLE:	
DA9061/62/63 MotherBoard 232-01-B1	
DRAWING NO:	REV:
232-01-B	3
SHEET NAME:	
[11]_PIMIC_HEADERS	



REV	DATE	ENGINEER	NOTES
B2	04/02/2015	T Graham	First revision for customer release. Layout revision is 232-01-B
B3	18/07/2016	T Graham	Changed note regarding Python/SmartCanvas. No hardware changes.

Mechanical



SCHEMATIC TEMPLATE REV PA2 (November 30, 2011) DIALOG DOCUMENT NUMBER 31-902-03

PROPRIETARY INFORMATION		TITLE: DA9061/62/63 MotherBoard 232-01-B1		
PREPARED: TG	DATED: 18/07/2016	DRAWING NO: 232-01-B	REV: 3	
RESPONSIBLE: AS	DATED: 09-01-2014	SHEET NAME: [12]_MECHANICAL		