

OSMEVK_ADAP_MSRZG2UL 1.0

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Revision History

Revision	Date	Changes
1.0	06.11.2023	Initial release

OSMEVK_ADAP_MSRZG2UL

Sheet: TITLE PAGE

Variant: ASM_1

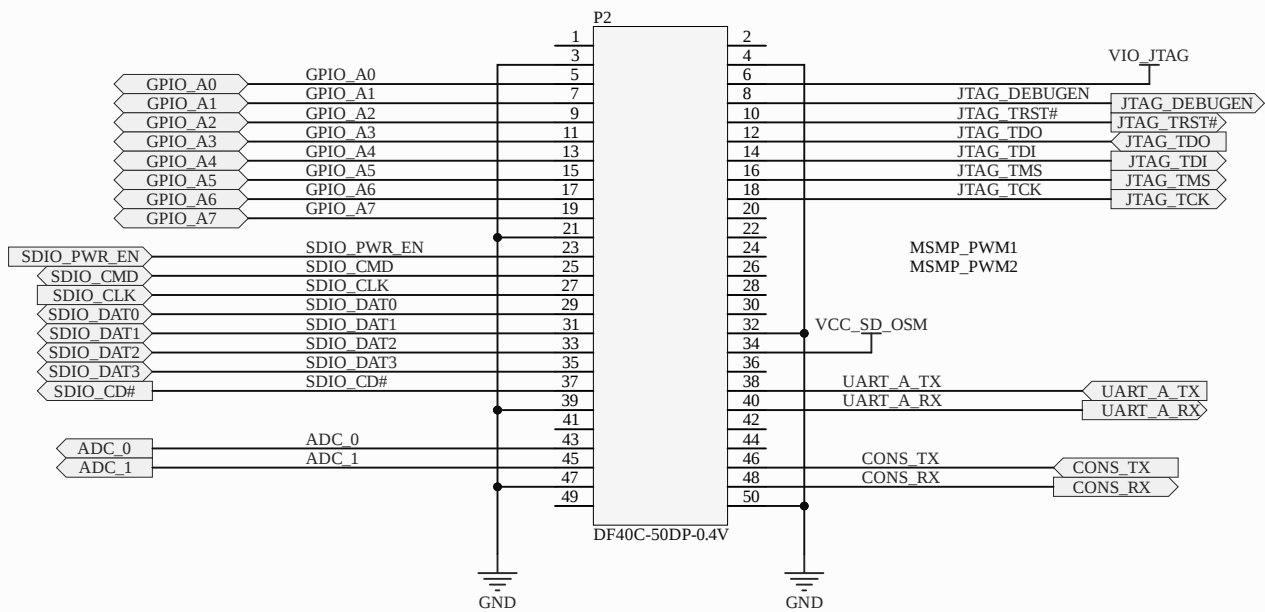
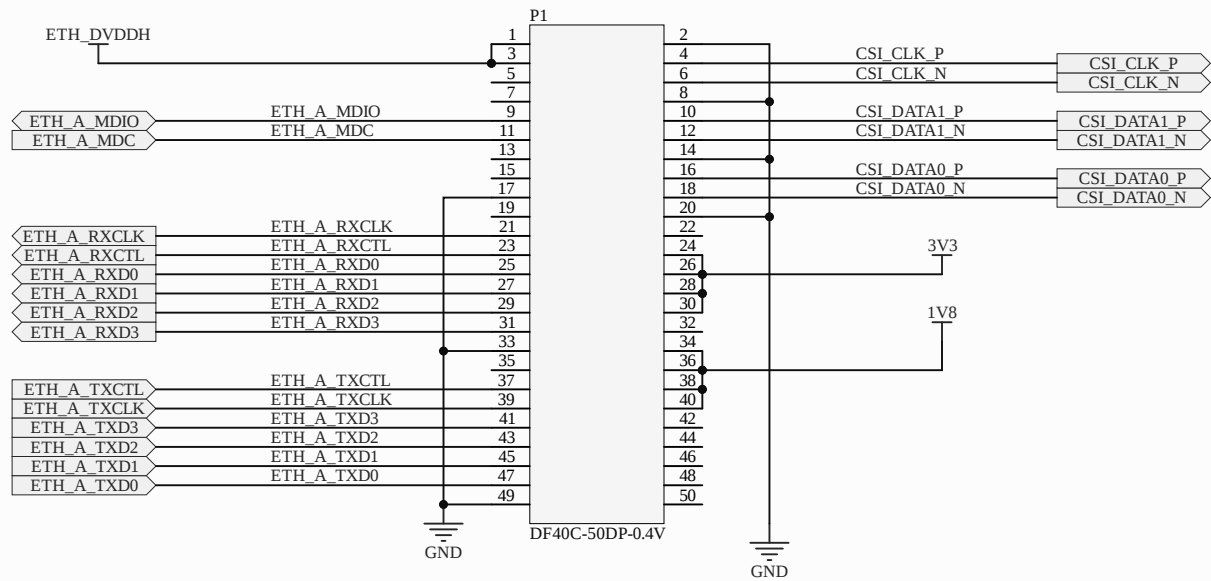
Number 1

Revision: 1.0 Sheet 1 of 10

Date: 06.11.2023



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Schöngeisinger Straße 84
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Sheet: CONNECTOR TOP

Variant: ASM_1

Number 2

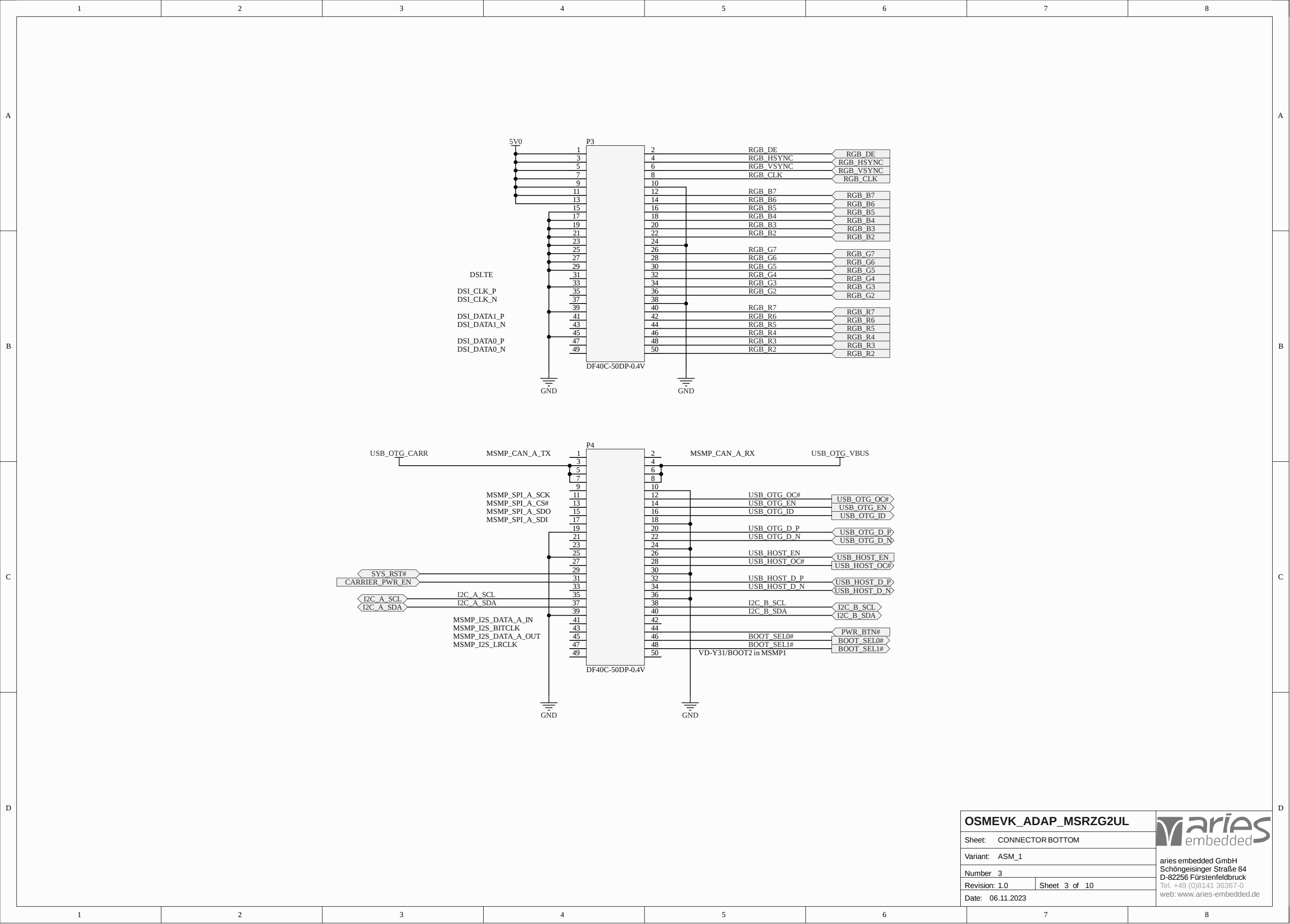
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Sheet: CONNECTOR BOTTOM

Variant: ASM_1

Number 3

Revision: 1.0

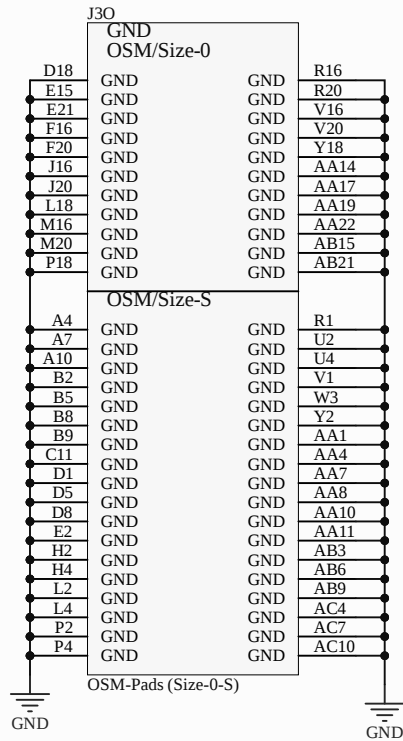
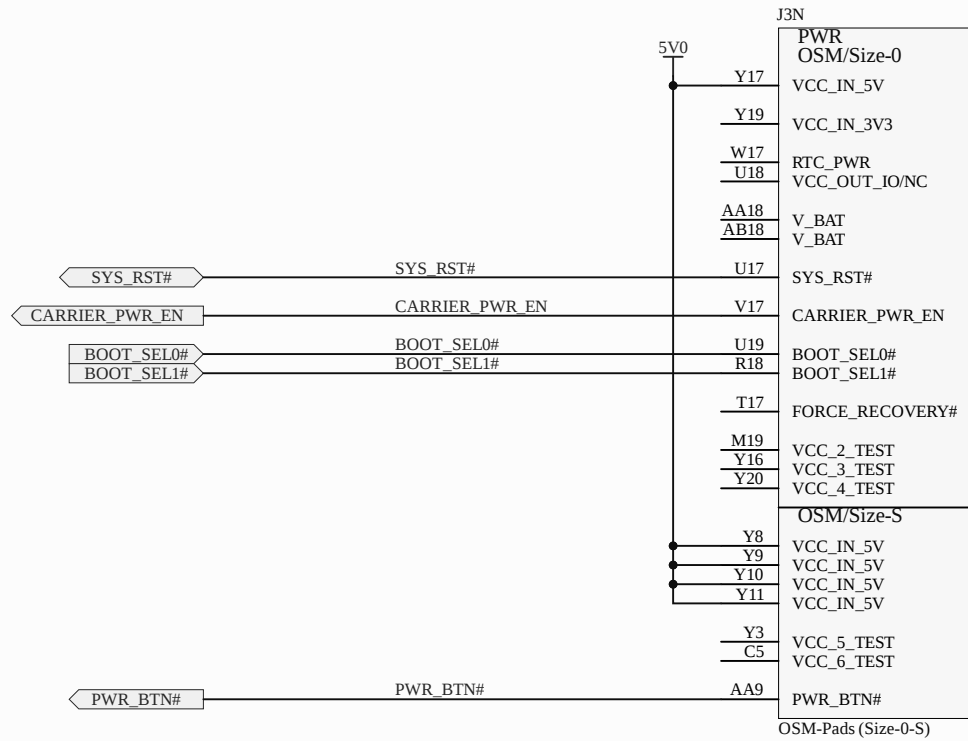
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POWER/SYSTEM



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Sheet: POWER/SYSTEM

Variant: ASM_1

Number 4

Revision: 1.0

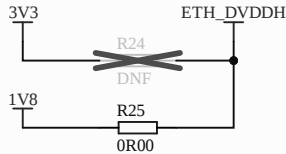
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ETHERNET



J3A			ETHERNET OSM/Size-0
ETH_A_TXCLK	ETH_A_TXCLK	J15	ETH_A(R)(G)MII_TX_CLK
ETH_A_TXD0	ETH_A_TXD0	H15	ETH_A(S)(R)(G)MII_TXD0
ETH_A_TXD1	ETH_A_TXD1	G15	ETH_A(S)(R)(G)MII_TXD1
ETH_A_TXD2	ETH_A_TXD2	H16	ETH_A(S)(R)(G)MII_TXD2
ETH_A_TXD3	ETH_A_TXD3	G16	ETH_A(S)(R)(G)MII_TXD3
ETH_A_TXCTL	ETH_A_TXCTL	K16	ETH_A(R)(G)MII_TX_EN(ER)
ETH_A_RXCLK	ETH_A_RXCLK	R15	ETH_A(R)(G)MII_RX_CLK
ETH_A_RXD0	ETH_A_RXD0	K15	ETH_A(S)(R)(G)MII_RXD0
ETH_A_RXD1	ETH_A_RXD1	L15	ETH_A(S)(R)(G)MII_RXD1
ETH_A_RXD2	ETH_A_RXD2	N15	ETH_A(R)(G)MII_RXD2
ETH_A_RXD3	ETH_A_RXD3	P15	ETH_A(R)(G)MII_RXD3
ETH_A_RXCTL	ETH_A_RXCTL	L16	ETH_A(R)(G)MII_RX_ER
		M15	ETH_A(R)(G)MII_RX_DV(ER)
		E16	ETH_A(R)(G)MII_CRS
		F15	ETH_A(R)(G)MII_COL
		N16	ETH_A_SDP
ETH_A_MDC	ETH_A_MDC	T16	ETH_MDC
ETH_A_MDIO	ETH_A_MDIO	T15	ETH_MDIO
		M17	ETH_IOPWR
			OSM/Size-S
		H1	ETH_B(R)(G)MII_TX_CLK
		G1	ETH_B(S)(R)(G)MII_TXD0
		F1	ETH_B(S)(R)(G)MII_TXD1
		G2	ETH_B(S)(R)(G)MII_TXD2
		F2	ETH_B(S)(R)(G)MII_TXD3
		J2	ETH_B(R)(G)MII_TX_EN(ER)
		P1	ETH_B(R)(G)MII_RX_CLK
		J1	ETH_B(S)(R)(G)MII_RXD0
		K1	ETH_B(S)(R)(G)MII_RXD1
		M1	ETH_B(R)(G)MII_RXD2
		N1	ETH_B(R)(G)MII_RXD3
		K2	ETH_B(R)(G)MII_RX_ER
		L1	ETH_B(R)(G)MII_RX_DV(ER)
		D2	ETH_B(R)(G)MII_CRS
		E1	ETH_B(R)(G)MII_COL
		M2	ETH_B_SDP
		C6	ETH_B_MDC
		C7	ETH_B_MDIO
			OSM-Pads (Size-0-S)

OSMEVK_ADAP_MSRZG2UL

Sheet: ETHERNET

Variant: ASM_1

Number 5

Revision: 1.0

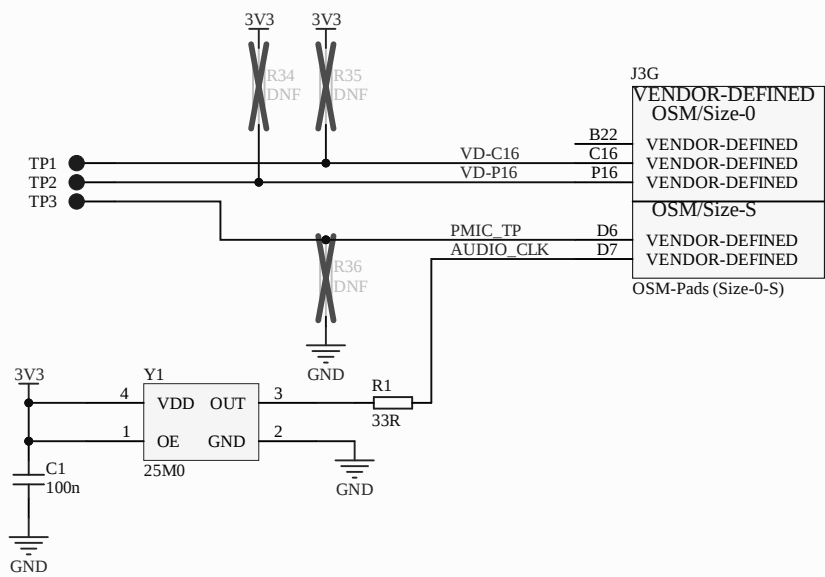
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VENDOR DEFINED



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Sheet: MISC

Variant: ASM_1

Number 6

Revision: 1.0

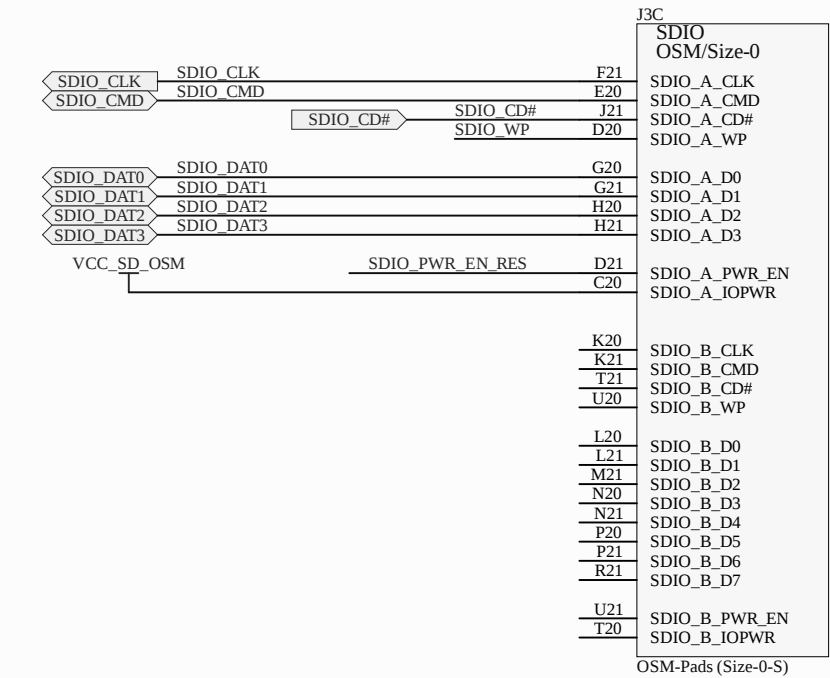
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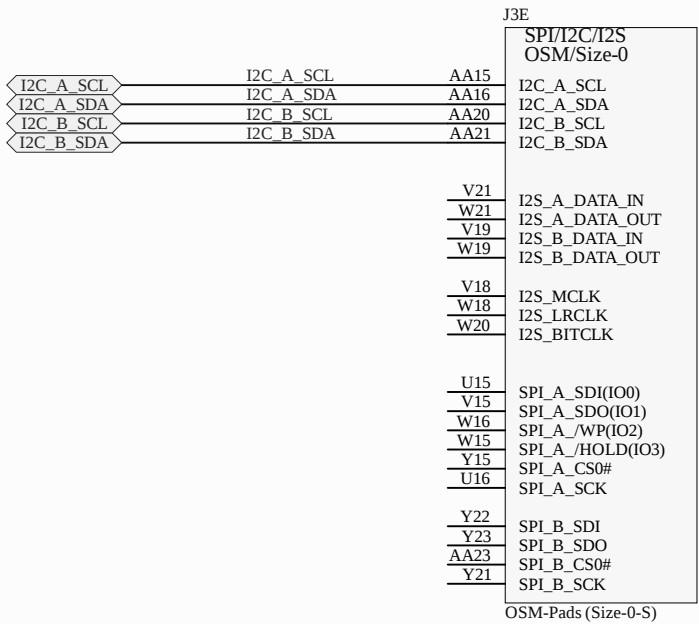


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SDIO



I2C/I2S/SPI



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Sheet: I2C/SPI/I2S/SDIO

Variant: ASM_1

Number 7

Revision: 1.0

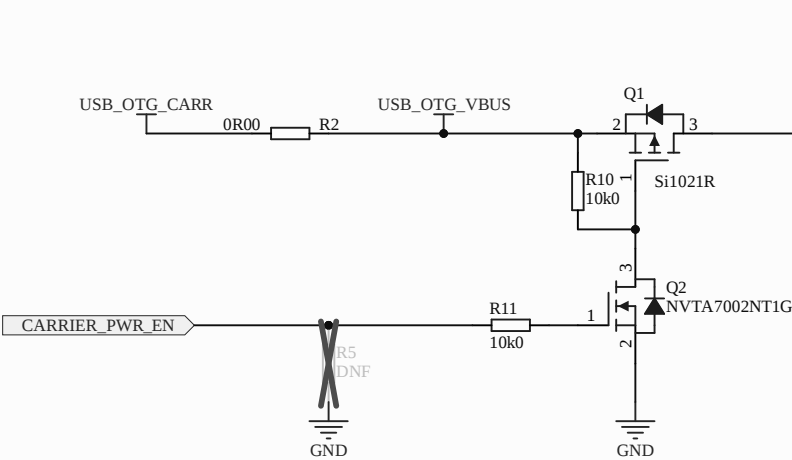
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CAN/USB



USB_OTG_D_P	USB_OTG_D_P	AC14	CAN/USB OSM/Size-0
USB_OTG_D_N	USB_OTG_D_N	AB13	CAN_A_TX
USB_OTG_EN	USB_OTG_EN	AC16	CAN_A_RX
USB_OTG_ID	USB_OTG_ID	AB14	CAN_B_TX
USB_OTG_OC#	USB_OTG_OC#	AC15	CAN_B_RX
USB_OTG_VBUS_MOD	USB_OTG_VBUS_MOD	AB16	USB_A_D_P
USB_HOST_D_P	USB_HOST_D_P	AC22	USB_A_D_N
USB_HOST_D_N	USB_HOST_D_N	AB23	USB_A_EN
USB_HOST_EN	USB_HOST_EN	AC20	USB_A_ID
USB_HOST_OC#	USB_HOST_OC#	AB20	USB_A_OC#
		AB22	USB_A_VBUS
		AC21	USB_B_D_P
		AB20	USB_B_D_N
		AC20	USB_B_EN
		AB22	USB_B_ID
		AC21	USB_B_OC#
		AB20	USB_B_VBUS
			OSM/Size-S
		D11	USB_C_D_P
		D11	USB_C_D_N
		C10	USB_C_EN
		D9	USB_C_ID
		C8	USB_C_OC#
		C9	USB_C_VBUS
		A9	USB_C_SSTX_N
		A8	USB_C_SSTX_P
		B11	USB_C_SSRX_N
		B10	USB_C_SSRX_P
			OSM-Pads (Size-0-S)

UART

CONS_RX	CONS_RX	D22	UART OSM/Size-0
CONS_TX	CONS_TX	D23	UART_CON_RX
UART_A_RX	UART_A_RX	A14	UART_CON_TX
UART_A_TX	UART_A_TX	B13	UART_A_RX
		C13	UART_A_TX
		C14	UART_A_RTS
		D14	UART_A_CTS
		D13	UART_B_RX
		D15	UART_B_TX
		D16	UART_B_RTS
		A22	UART_B_CTS
		B23	UART_C_RX
		C22	UART_C_TX
		C23	UART_D_RX
			UART_D_TX
			OSM-Pads (Size-0-S)

OSMEVK_ADAP_MSRZG2UL

Sheet: UART/USB/CAN

Variant: ASM_1

Number 8

Revision: 1.0

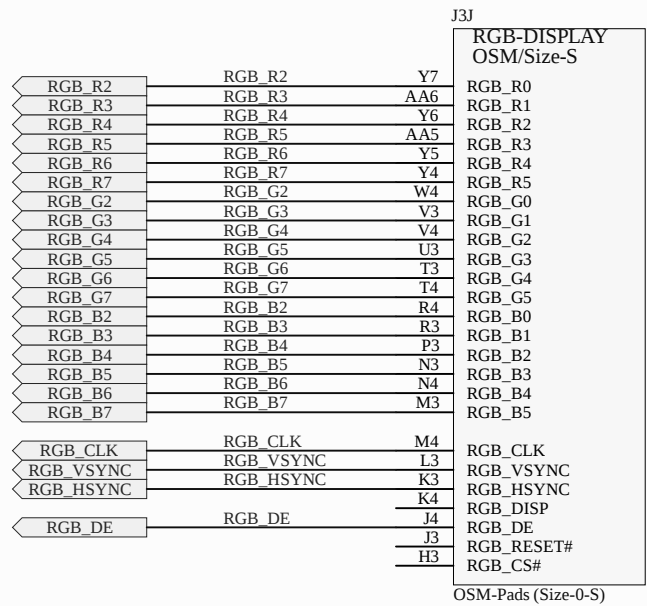
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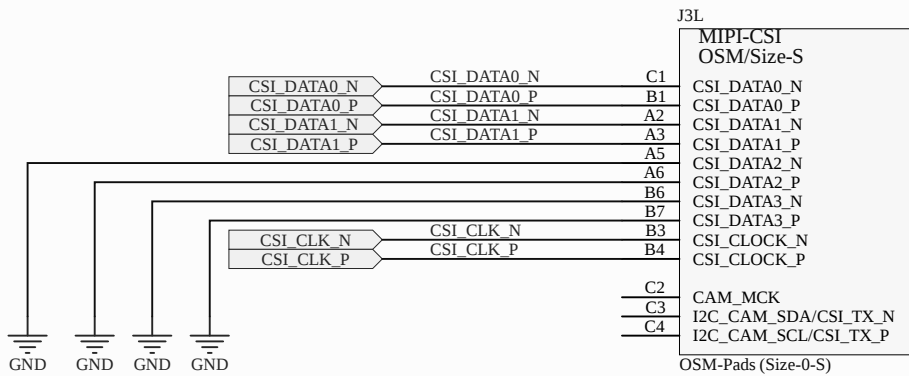


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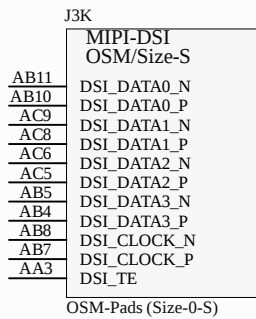
RGB LCD



CSI



DSI



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Sheet: CSI/DISPLAY

Variant: ASM_1

Number 9

Revision: 1.0

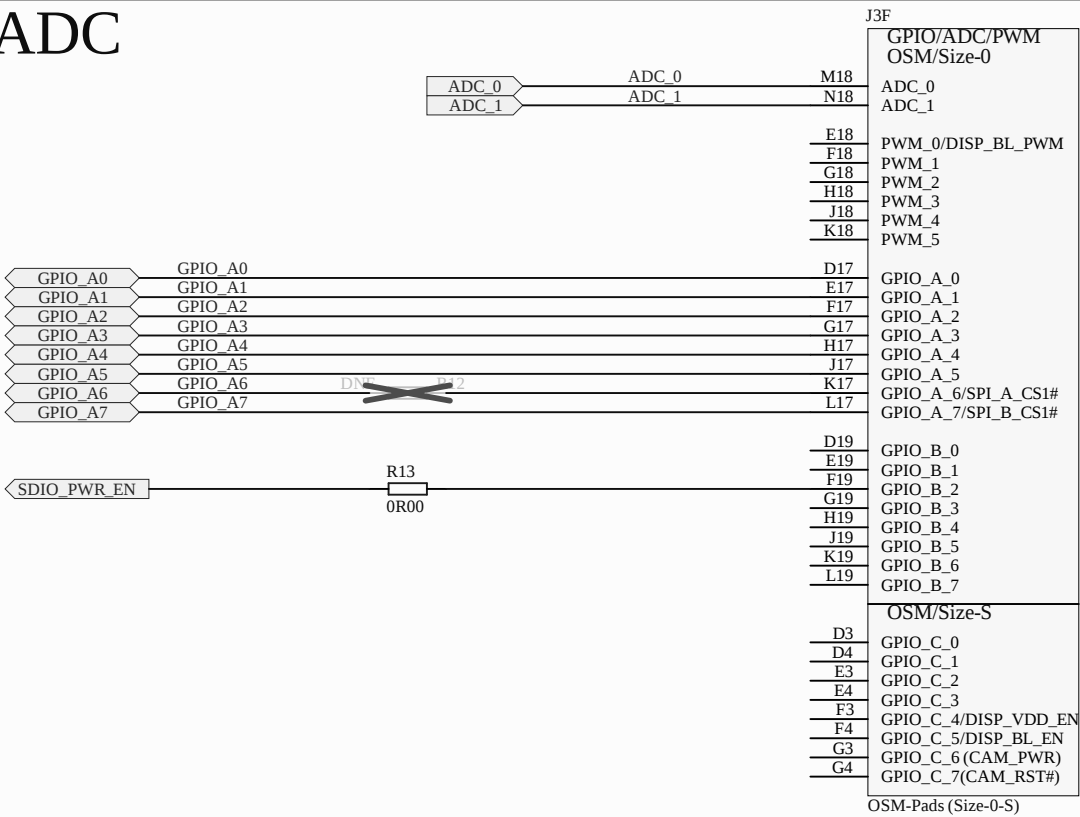
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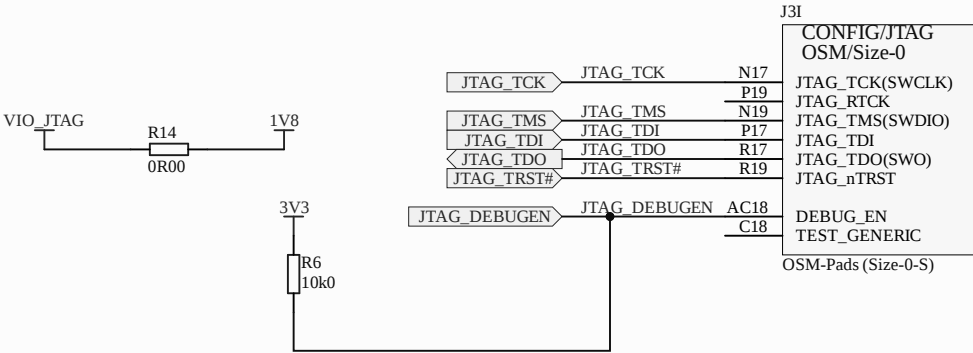


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GPIO/PWM/ADC



JTAG



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Sheet: GPIO/PWM/ADC/JTAG

Variant: ASM_1

Number 10

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