

HPS Function	HPS Pin Mux Select 9	HPS Pin Mux Select 8	HPS Pin Mux Select 7	HPS Pin Mux Select 6	HPS Pin Mux Select 5	HPS Pin Mux Select 4	HPS Pin Mux Select 3	HPS Pin Mux Select 2	HPS Pin Mux Select 1	HPS Pin Mux Select 0
HPS_I0A_1	CM HPS OSC CLK	GPI00_I00	SPIM0_SS1_N	SPI00_CLK	UART0_CTS_N		NAND_ADO0	Trace D10	USB0_CLK	SDMMC_CCLK
HPS_I0A_2	CM HPS OSC CLK	GPI00_I01	SPIM1_SS1_N	SPI00_MOSI	UART0_RTS_N		NAND_ADO1	Trace D9	USB0_STP	SDMMC_CMD
HPS_I0A_3	CM HPS OSC CLK	GPI00_I02		SPI00_SS0_N	UART0_TX	I2C1_SDA	NAND_WE_N	Trace D8	USB0_DIR	SDMMC_DATA0
HPS_I0A_4	CM HPS OSC CLK	GPI00_I03		SPI00_MISO	UART0_RX	I2C1_SCL	NAND_RE_N	Trace D7	USB0_DATA0	SDMMC_DATA1
HPS_I0A_5	CM HPS OSC CLK	GPI00_I04	SPIM0_CLK		UART1_CTS_N	I2C0_SDA	NAND_WP_N	Trace D6	USB0_DATA1	SDMMC_DATA2
HPS_I0A_6	CM HPS OSC CLK	GPI00_I05	SPIM0_MOSI		UART1_RTS_N	I2C0_SCL	NAND_ADO2	Trace D5	USB0_NXT	SDMMC_DATA3
HPS_I0A_7	CM HPS OSC CLK	GPI00_I06	SPIM0_MISO	MDIO2_MDIO	UART1_TX	I2C_EMAC2_SDA	NAND_ADO3	Trace D4	USB0_DATA2	SDMMC_DATA4
HPS_I0A_8	CM HPS OSC CLK	GPI00_I07	SPIM0_SS0_N	MDIO2_MDC	UART1_RX	I2C_EMAC2_SCL	NAND_CLE	Trace D15	USB0_DATA3	SDMMC_DATA5
HPS_I0A_9	CM HPS OSC CLK	GPI00_I08	SPIM1_CLK	SPI01_CLK	MDIO1_MDIO	I2C_EMAC1_SDA	NAND_ADO4	Trace D14	USB0_DATA4	SDMMC_DATA6
HPS_I0A_10	CM HPS OSC CLK	GPI00_I09	SPIM1_MOSI	SPI01_MOSI	MDIO1_MDC	I2C_EMAC1_SCL	NAND_ADO5	Trace D13	USB0_DATA5	SDMMC_DATA7
HPS_I0A_11	CM HPS OSC CLK	GPI00_I010	SPIM1_MISO	SPI01_MISO	MDIO0_MDIO	I2C_EMAC0_SDA	NAND_ADO6	Trace D12	USB0_DATA6	SDMMC_PWR_EN
HPS_I0A_12	CM HPS OSC CLK	GPI00_I011	SPIM1_SS0_N	SPI01_MISO	MDIO0_MDC	I2C_EMAC0_SCL	NAND_ADO7	Trace D11	USB0_DATA7	
HPS_I0A_13	CM HPS OSC CLK	GPI00_I012		NAND_ALE			NAND_ALE	Trace D10	USB1_CLK	EMAC0_TX_CLK
HPS_I0A_14	CM HPS OSC CLK	GPI00_I013		NAND_RB			NAND_RB	Trace D9	USB1_STP	EMAC0_TX_CTL
HPS_I0A_15	CM HPS OSC CLK	GPI00_I014		NAND_CE_N			NAND_CE_N	Trace D8	USB1_DIR	EMAC0_RX_CLK
HPS_I0A_16	CM HPS OSC CLK	GPI00_I015						Trace D7	USB1_DATA0	EMAC0_RX_CTL
HPS_I0A_17	CM HPS OSC CLK	GPI00_I016					NAND_ADO8	Trace D6	USB1_DATA1	EMAC0_TXD0
HPS_I0A_18	CM HPS OSC CLK	GPI00_I017					NAND_ADO9	Trace D5	USB1_NXT	EMAC0_TXD1
HPS_I0A_19	CM HPS OSC CLK	GPI00_I018					NAND_ADO10	Trace D4	USB1_DATA2	EMAC0_RXD0
HPS_I0A_20	CM HPS OSC CLK	GPI00_I019	SPIM1_SS1_N				NAND_ADO11	Trace CLK	USB1_DATA3	EMAC0_RXD1
HPS_I0A_21	CM HPS OSC CLK	GPI00_I020	SPIM1_CLK	SPI00_CLK	UART0_CTS_N	I2C1_SDA	NAND_ADO12	Trace D0	USB1_DATA4	EMAC0_TXD2
HPS_I0A_22	CM HPS OSC CLK	GPI00_I021	SPIM1_MOSI	SPI00_MOSI	UART0_RTS_N	I2C1_SCL	NAND_ADO13	Trace D1	USB1_DATA5	EMAC0_TXD3
HPS_I0A_23	CM HPS OSC CLK	GPI00_I022	SPIM1_MISO	SPI00_SS0_N	UART0_TX	I2C0_SDA	NAND_ADO14	Trace D2	USB1_DATA6	EMAC0_RXD2
HPS_I0A_24	CM HPS OSC CLK	GPI00_I023	SPIM1_SS0_N	SPI00_MISO	UART0_RX	I2C0_SCL	NAND_ADO15	Trace D3	USB1_DATA7	EMAC0_RXD3
HPS_I0B_1	CM HPS OSC CLK	GPI01_I00	SPIM1_CLK		UART0_CTS_N		NAND_ADO0	Trace D10		EMAC1_TX_CLK
HPS_I0B_2	CM HPS OSC CLK	GPI01_I01	SPIM1_MOSI		UART0_RTS_N		NAND_ADO1	Trace D9		EMAC1_TX_CTL
HPS_I0B_3	CM HPS OSC CLK	GPI01_I02	SPIM1_MISO		UART0_TX	I2C0_SDA	NAND_WE_N	Trace D8		EMAC1_RX_CLK
HPS_I0B_4	CM HPS OSC CLK	GPI01_I03	SPIM1_SS0_N		UART0_RX	I2C0_SCL	NAND_RE_N	Trace D7		EMAC1_RX_CTL
HPS_I0B_5	CM HPS OSC CLK	GPI01_I04	SPIM1_SS1_N	SPI01_CLK	UART1_CTS_N		NAND_WP_N	Trace D6		EMAC1_TXD0
HPS_I0B_6	CM HPS OSC CLK	GPI01_I05		SPI01_MOSI	UART1_RTS_N		NAND_ADO2	Trace D5		EMAC1_TXD1
HPS_I0B_7	CM HPS OSC CLK	GPI01_I06		SPI01_SS0_N	UART1_TX	I2C1_SDA	NAND_ADO3	Trace D4		EMAC1_RXD0
HPS_I0B_8	CM HPS OSC CLK	GPI01_I07		SPI01_MISO	UART1_RX	I2C1_SCL	NAND_CLE	Trace D15		EMAC1_RXD1
HPS_I0B_9	CM HPS OSC CLK	GPI01_I08	JTAG_TCK	SPI00_CLK	MDIO2_MDIO	I2C_EMAC2_SDA	NAND_ADO4	Trace D14		EMAC1_TXD2
HPS_I0B_10	CM HPS OSC CLK	GPI01_I09	JTAG_TMS	SPI00_MOSI	MDIO2_MDC	I2C_EMAC2_SCL	NAND_ADO5	Trace D13		EMAC1_TXD3
HPS_I0B_11	CM HPS OSC CLK	GPI01_I010	JTAG_TDO	SPI00_SS0_N	MDIO0_MDIO	I2C_EMAC0_SDA	NAND_ADO6	Trace D12		EMAC1_RXD2
HPS_I0B_12	CM HPS OSC CLK	GPI01_I011	JTAG_TDI	SPI00_MISO	MDIO0_MDC	I2C_EMAC0_SCL	NAND_ADO7	Trace D11		EMAC1_RXD3
HPS_I0B_13	CM HPS OSC CLK	GPI01_I012				I2C1_SDA	NAND_ALE	Trace D10	SDMMC_DATA0	EMAC2_TX_CLK
HPS_I0B_14	CM HPS OSC CLK	GPI01_I013				I2C1_SCL	NAND_RB	Trace D9	SDMMC_CMD	EMAC2_TX_CTL
HPS_I0B_15	CM HPS OSC CLK	GPI01_I014			UART1_TX		NAND_CE_N	Trace D8	SDMMC_CLK	EMAC2_RX_CLK
HPS_I0B_16	CM HPS OSC CLK	GPI01_I015			UART1_RX			Trace D7	SDMMC_DATA1	EMAC2_RX_CTL
HPS_I0B_17	CM HPS OSC CLK	GPI01_I016			UART1_CTS_N		NAND_ADO8	Trace D6	SDMMC_DATA2	EMAC2_TXD0
HPS_I0B_18	CM HPS OSC CLK	GPI01_I017	SPIM0_SS1_N		UART1_RTS_N		NAND_ADO9	Trace D5	SDMMC_DATA3	EMAC2_TXD1
HPS_I0B_19	CM HPS OSC CLK	GPI01_I018	SPIM0_MISO	MDIO1_MDIO		I2C_EMAC1_SDA	NAND_ADO10	Trace D4	SDMMC_DATA4	EMAC2_RXD0
HPS_I0B_20	CM HPS OSC CLK	GPI01_I019	SPIM0_SS0_N	MDIO1_MDC		I2C_EMAC1_SCL	NAND_ADO11	Trace CLK	SDMMC_DATA5	EMAC2_RXD1
HPS_I0B_21	CM HPS OSC CLK	GPI01_I020	SPIM0_CLK	SPI01_CLK		I2C_EMAC2_SDA	NAND_ADO12	Trace D0	SDMMC_DATA6	EMAC2_TXD2
HPS_I0B_22	CM HPS OSC CLK	GPI01_I021	SPIM0_MOSI	SPI01_MOSI		I2C_EMAC2_SCL	NAND_ADO13	Trace D1	SDMMC_DATA7	EMAC2_TXD3
HPS_I0B_23	CM HPS OSC CLK	GPI01_I022	SPIM0_MISO	SPI01_SS0_N	MDIO0_MDIO	I2C_EMAC0_SDA	NAND_ADO14	Trace D2	SDMMC_PWR_EN	EMAC2_RXD2
HPS_I0B_24	CM HPS OSC CLK	GPI01_I023	SPIM0_SS0_N	SPI01_MISO	MDIO0_MDC	I2C_EMAC0_SCL	NAND_ADO15	Trace D3		EMAC2_RXD3

Date	Version	Changes Made
June 2019	2019.06.20	Initial release.