Revised: 9/25/2025

> White Text indicates signal goes to more than one SoM Pin
> Yellow Text indicates special option

	PIN#	Module Pin Name	I.MX6UL-R2	Port	BGA Pin	Atmel 9260	Atmel 9G20	Atmel 9x25	Port	Atmel A5D35	Atmel 9G25	I.MX6UL-R1	Comment	Notes
System Control	100	GP_CS1	CSI_MCLK/EIM_CS0#	GPIO4_IO17	F5	NCS3/IRQ2/PC14	NCS0	NCS2/D29	PD19	NCS1/PE27	NCS2/PD19	EIM_CS0#/CSI_MCLK		
	98	GP_CS2	NAND_READY/EIM_CS1#	GPIO4_IO12	A3	NC	PC9/NCS5/TIOB0	NCS4/D30	PD20	NCS2/PE28	NCS4/PD20	EIM_CS1#/NAND_READY#		
	108	GP_CS3	LCD_CLK/EIM_CS2#	GPIO3_IO00	A8	NCS4/RTS3/PC8	PC8/NCS4/RTS3	NCS5/D31	PD21	NCS3	NCS5/PD21	EIM_CS2#/LCD_CLK		
	16	~RD/~OE	CSI_PIXCLK/EIM_OE	GPIO4_IO18	E5	NRD	NRD	NRD		NRD	NRD	EIM_OE/CSI_PIXCLK		
	83	~WR	CSI_SYNC/EIM_RW	GPIO4_IO19	F2	NWR0/NWE	NWR0/NWE	NWRE/NWR0		NEW	NWR0	EIM_WR/CSI_VSYNC		
	6	~RST_IN	POR	N/A	P8	~RST_IN	~RST_IN	SOM_RST_IN		SOM_RST_IN	RST_IN	POR#		
	43	~RST_OUT	POR	N/A	P8	~RST_OUT	~RST_OUT	SOM_RST_OUT		SOM_RST_OUT	RST_OUT	RST_OUT#	Not connected to CPU	
	44	~EA	CCM_PMIC_STBY_REQ	N/A	U9	SHDN	SHDN	SHDN		SHDN	SHDN	CCM_PMIC_STBY_REQ		
	85	Flash WP	FLASH_WP# (N25Q064)	N/C	3	NC	Dataflash WP	Dataflash WP		Serial Flash WP#	FLASH WP#	FLASH_WP#	Not connected to CPU	
	72	ALE/~TS	SNVS_PMIC_ON_REQ	N/A	T9	WKUP	WKUP	WKUP		WKUP	WKUP	SNVS_PMIC_ON_REQ		
System Bus	26	A0	CSI_DATA00/EIM_AD0	GPIO4_IO21	E4	A0/NBS0	A0/NBS0	A0/NBS0		A0/PE0	A0	EIM_AD0/CSIDATA00		
	35	A1	CSI_DATA01/EIM_AD1	GPIO4_IO22	E3	A1/NBS2/NWR2	A1/NBS2/NWR2	A1/NBS2/DQM/NWR2		A1/PE1	A1	EIM_AD1CSI_DATA01		
	33	A2	CSI_DATA02/EIM_AD2	GPIO4_IO23	E2	A2	A2	A2		A2PE2	A2	EIM_AD2/CSI_DATA02		
	31	A3	CSI_DATA03/EIM_AD3	GPIO4_IO24	E1	A3	A3	A3		A3/PE3	A3	EIM_AD3/CSI_DATA03		
	28	A4	CSI_DATA04/EIM_AD4	GPIO4_IO25	D4	A4	A4	A4		A4/PE4	A4	EIM_AD4/CSI_DATA04		
	109	A5	CSI_DATA05/EIM_AD5	GPIO4_IO26	D3	A5	A5	A5		A5/PE5	A5	EIM_AD5/CSI_DATA05		
	111	A6	CSI_DATA06/EIM_AD6	GPIO4_IO27	D2	A6	A6	A6		A6/PE6	A6	EIM_AD6/CSI_DATA06		
	113	A7	CSI_DATA07/EIM_AD7	GPIO4_IO28	D1	A7	A7	A7		A7/PE7	A7	EIM_AD7/CSI_DATA07		
	10	A8	N/C			A8	A8	A8		A8/PE8	A8	N/A		
	12	A9	N/C			A9	A9	A9		A9/PE9	A9	N/A		
	18	A10	N/C			A10	A10	A10		A10/PE10	A10	N/A		
	14	A11	N/C			A11	A11	A11		A11/PE11	A11	N/A		
	37	A12	N/C			A12	A12	A12		A12/PE12	A12	N/A		
	5	A13	N/C			A13	A13	A13		A13/PE13	A13	N/A		
	11	A14	N/C			A14	A14	A14		A14/PE14	A14	N/A		
	9	A15	N/C			A15	A15	A15		A15/SCK3/PE15	A15	N/A		
	7	A16	N/C			A16	A16	A16/BA0		A16/CTS3/PE16	A16	N/A		
	13	A17	N/C			A17	A17	A17/BA1		A17/RTS3/PE17	A17	N/A		
	97	A18	N/C			A18	A18	A18/BA2		A18/RXD3/PE18	A18	N/A		
	17	A19	N/C			A23/SPI1_NPS2/PC4	A23/SPI1_NPS2/PC4	A19		A19/TXD3/PE19	A19	N/A		
	15	A20	N/C			A24/SPI1_NPS1/PC5	A24/SPI1_NPS1/PC5	A23/D26		A20/SCK2/PE20	A23	N/A		
	104	A21	N/C			A25/CTS3/PC10	A25/CTS3/PC10	A24/D27		A21/PE21	A24	N/A		
	29	D0	LCD_DATA08/EIM_DATA0	GPIO3_IO13	B11	D0	D0	D0		D0	D0	EIM_DATA0/LCD_DATA08		
	27	D1	LCD_DATA09/EIM_DATA1	GPIO3_IO14	A11	D1	D1	D1		D1	D1	EIM_DATA1/LCD_DATA09		
	25	D2	LCD_DATA10/EIM_DATA2	GPIO3_IO15	E12	D2	D2	D2		D2	D2	EIM_DATA2/LCD_DATA10		
	22	D3	LCD_DATA11/EIM_DATA3	GPIO3_IO16	D12	D3	D3	D3		D3	D3	EIM_DATA3/LCD_DATA11		
	23	D4	LCD_DATA12/EIM_DATA4	GPIO3_IO17	C12	D4	D4	D4		D4	D4	EIM_DATA4/LCD_DATA12		
	21	D5	LCD_DATA13/EIM_DATA5	GPIO3_IO18	B12	D5	D5	D5		D5	D5	EIM_DATA5/LCD_DATA13		
	19	D6	LCD_DATA14/EIM_DATA6	GPIO3_IO19	A12	D6	D6	D6		D6	D6	EIM_DATA6/LCD_DATA14		
	20	D7	LCD_DATA15/EIM_DATA7	GPIO3_IO20	D13	D7	D7	D7		D7	D7	EIM_DATA7/LCD_DATA08		
	8	D8	LCD_DATA16/EIM_DATA8	GPIO3_IO21	C13	D8	D8	D8		D8	D8	EIM_DATA8/LCD_DATA08		
	24	D9	LCD_DATA17/EIM_DATA9	GPIO3_IO22	B13	D9	D9	D9		D9	D9	EIM_DATA9/LCD_DATA08		
	34	D10	LCD_DATA18/EIM_DATA10	GPIO3_IO23	A13	D10	D10	D10		D10	D10	EIM_DATA10/LCD_DATA08		
	70	D11	LCD_DATA19/EIM_DATA11	GPIO3_IO24	D14	D11	D11	D11		D11	D11	EIM_DATA11/LCD_DATA08		
	77	D12	LCD_DATA20/EIM_DATA12	GPIO3_IO25	C14	D12	D12	D12		D12	D12	EIM_DATA12/LCD_DATA08		
	81	D13	LCD_DATA21/EIM_DATA13	GPIO3_IO26	B14	D13	D13	D13		D13	D13	EIM_DATA13/LCD_DATA08		
	84	D14	LCD_DATA22/EIM_DATA14	GPIO3_IO27	A14	D14	D14	D14		D14	D14	EIM_DATA14/LCD_DATA08		
	86	D15	LCD_DATA23/EIM_DATA15	GPIO3_IO28	B16	D15	D15	D15		D15	D15	EIM_DATA15/LCD_DATA08		
SDIO	50	MMC/SD 4-Bit DA0	NAND_DATA00/SD2_DATA0	GPIO4_IO02	D7	MCDA0/PA6	MCDA0/PA6	MCI0_DA0	PA15	MCI0_DA0/PB20	MCI0_DA0/PA15	SD2_DATA0/NAND_DATA00		
	51	MMC/SD 4-Bit CMD	NAND_WE#/SD2_CMD	GPIO4_IO01	C8	MCCDA/PA7	MCCDA/PA7	MCI0_CDA	PA16	MCI0_CDA/PB19	MCI0_CDA/PA16	SD2_CMD/NAND_WE#		
	54	MMC/SD 4-Bit CLK	NAND_RE#/SD2_CLK	GPIO4_IO00	D8	MCCK/PA8	MCCK/PA8	MCI0_CK	PA17	MCI0_CK/PB24	MCI0_CLK/PA17	SD2_CLK/NAND_RE#		
	55	MMC/SD 4-Bit DA1	NAND_DATA01/SD2_DATA1	GPIO4_IO03	B7	MCDA1/PA9	MCDA1/PA9	MCI0_DA1	PA18	MCI0_DA1/PB21	MCI0_DA1/PA18	SD2_DATA1/NAND_DATA01		
	56	MMC/SD 4-Bit DA2	NAND_DATA02/SD2_DATA2	GPIO4_IO04	A7	MCDA2/PA10	MCDA2/PA10	MCI0_DA2	PA19	MCI0_DA2/PB22	MCI0_DA2/PA19	SD2_DATA2/NAND_DATA02		
	57	MMC/SD 4-Bit DA3	NAND_DATA03/SD2_DATA3	GPIO4_IO05	D6	MCDA3/PA11	MCDA3/PA11	MCI0_DA3	PA20	MCI0_DA3/PB23	MCI0_DA3/PA20	SD2_DATA3/NAND_DATA03		
	42	SD_Card_Detect	NAND_WP#	GPIO4_IO11	D5	FIQ/PC13/NCS6	PA29/SCK1	TCLK3	PC4	TIOB1/PC13	TCLK3/PC4	GPIO4_IO11/NAND_WP#		
USB	45	Vbus	N/C			PCK1/PB31	PCK1/PB31	A25		AD10/PCK0/PD30	TIOA4/PC5	USB_OTG_VBUS	Connects to OTG1 and OTG2	
	60	USB Device -	HSD2- (FSUSB43L10x)	N/C	4	DDM (USBD)	DDM (USBD)	DHSDM		HHSDM/DHSDMA	HFSDM/DFSDM	USB_OTG1_DN		
	61	USB Device +	HSD2+ (FSUSB43L10x)	N/C	3	DDP (USBD)	DDP (USBD)	DHSDP		HHSDP/DHSDPA	HFSDP/DFSDP	USB_OTG1_DP		
	64	USB Host A+	USB_OTG2_DP	N/A	U13	HDPA (USBH)	HDPA (USBH)	HHSDPB		HHSDPC	HHSDPA	USB_OTG2_DP		
	66	USB Host A-	USB_OTG2_DN	N/A	T13	HDMA (USBH)	HDMA (USBH)	HHSDMB		HHSDMC	HHSDMA	USB_OTG2_DN		
	65	USB Host B+	HSD1+ (FSUSB43L10x)	N/C	1	HDPB (USBH)	HDPB (USBH)	HFSDPC		HHSDPB	HHSDPB	N/A		
	67	USB Host B-	HSD1- (FSUSB43L10x)	N/C	2	HDMB (USBH)	HDMB (USBH)	HFSDMC		HHSDMB	HHSDMB	N/A		
POWER/GND	3	3.3VCC	3.3V_VCC	N/A		3.3VCC	3.3VCC	3.3VCC		3.3VCC	3.3VCC	3.3VCC		
	4	3.3VCC	3.3V_VCC	N/A		3.3VCC	3.3VCC	3.3VCC		3.3VCC	3.3VCC	3.3VCC		
	141	3.3VCC	3.3V_VCC	N/A		3.3VCC	3.3VCC	3.3VCC		3.3VCC	3.3VCC	3.3VCC		
	142	3.3VCC	3.3V_VCC	N/A		3.3VCC	3.3VCC	3.3VCC		3.3VCC	3.3VCC	3.3VCC		
	1	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	2	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	52	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	53	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	58	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	59	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	62	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	63	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	68	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	69	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	143	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	144	GND	GND	N/A		GND	GND	GND		GND	GND	GND		
	119	VSTBY	3.3V_STBY	N/A		VSTBY (3.3V)	VSTBY (3.3V)	3.3VCC		VSTBY (3.3V)	VSTBY	VBAT(3.0v)		
	118	ALT_VCC	USB_OTGx_VBUS (Optional)	N/A	T12/U12	NC	NC	NC		NC	NC	5.0VCC		
	101	AV_VCC	VDD_SNVS_IN (Optional)	N/A	P12	NC	PA30/RXD4 *	NC		NC	NC	VDD_SNVS_IN		
	99	V_REF	ADC_VREFH (Optional)	N/A	M13	NC	PA31/TXD4 *	ADVREF		NC	NC	ADC_VREFH		
JTAG/GPIO	139	JTAG_TCK	JTAG_TCK (Optional)	GPIO1_IO14	M14	JTAG_TCK	JTAG_TCK	JTAG_TCK		JTAG_TCK/SWCLK	JTAG_TCK	JTAG_TCK		
	137	JTAG_TDI	JTAG_TDI (Optional)	GPIO1_IO13	N16	JTAG_TDI	JTAG_TDI	JTAG_TDI		JTAG_TDI	JTAG_TDI	JTAG_TDI		
	138	JTAG_TDO	JTAG_TDO (Optional)	GPIO1_IO12	N15	JTAG_TDO	JTAG_TDO	JTAG_TDO		JTAG_TDO	JTAG_TDO	JTAG_TDO		
	140	JTAG_TMS	JTAG_TMS (Optional)	GPIO1_IO11	P14	JTAG_TMS	JTAG_TMS	JTAG_TMS		JTAG_TMS/SWDIO	JTAG_TMS	JTAG_TMS		
	112	JTAG_TRST	JTAG_TRST (Optional)	GPIO1_IO15	N14	JTAG_NTRST	JTAG_NTRST	JTAG_NTRST		JTAG_NTRST	JTAG_NTRST	JTAG_TRST#		
I2C	116	LOCALTW/SCL	GPIO1_IO02/I2C1_SCL	GPIO1_IO02	L14	NC	PA24/TWCK	TWCK1	PC1	TWCK0/UTXD1/PA31	TWCK1/PC1	I2C1_SCL/OTG2_PWR/GPIO1_IO2		
	88	SDA	GPIO1_IO03/I2C1_SDA	GPIO1_IO03	L17	ETH_LED0	PA23/TWD	TWD1	PC0	TWD0/URXD1/PA30	TWD1/PC0	I2C1_SDA/OTG2_OC/GPIO1_IO3		
ETH/MAGNETICS	89	LED_LINK/CFG_1	LED0/NWAYEN (KSZ8081)	N/A	30	ETH_LED1	ETH_LED1	ETH_LED1		ETH_LED1	LED_LINK/CFG_1	LED_LINK		
	90	LED_RX/CFG_2	LED1/SPEED (KSZ8081)	N/A	31	ETH_LED2	ETH_LED2	ETH_LED2		ETH_LED2	LED_RX/CFG_2	LED_ACT		
	94	Ethernet_Rx-	RXM (KSZ8081)	N/A	4	Ethernet Rx-	Ethernet Rx-	Ethernet Rx-		Ethernet Rx-	Ethernet_Rx-	MDI_RX-		
	92	Ethernet_Rx+	RXP (KSZ8081)	N/A	5	Ethernet Rx+	Ethernet Rx+	Ethernet Rx+		Ethernet Rx+	Ethernet_Rx+	MDI_RX+		
	93	Ethernet_Tx-	TXN (KSZ8081)	N/A	6	Ethernet Tx-	Ethernet Tx-	Ethernet Tx-		Ethernet Tx-	Ethernet_Tx-	MDI_TX-		
	91	Ethernet_Tx+	TXP (KSZ8081)	N/A	7	Ethernet Tx+	Ethernet Tx+	Ethernet Tx+		Ethernet Tx+	Ethernet_Tx+	MDI_TX+		
SPI	122	SPI_MI	ENET2_TX_CLK/SPI4_MISO	GPIO2_IO14	D17	SPI0_MI/PA0/MCDB0	PA0/SPI0_MI/MCDB0	SPI0_MISO	PA12	SPI0_MISO/PD10	SPI0_MISO/PA11	SPI4_MISO/ENET2_TX_CLK		
	121	SPI_MO	ENET2_TX_EN/SPI4_MOSI	GPIO2_IO13	B15	SPI0_MO/PA1/MCCDB	PA1/SPI0_MO/MCCDB	SPI0_MOSI	PA11	SPI0_MOSI/PD11	SPI0_MOSI/PA12	SPI4_MOSI/ENET2_TX_EN		
	120	SPI__SCK	ENET2_TX_DATA1/SPI4_SCLK	GPIO2_IO12	A16	SPI0_SCK/PA2	PA2/SPI0_SCK	SPI0_SPCK	PA13	SPI0_SPCK/PD12	SPI0_SCK/PA13	SPI4_SCLK/ENET2_TX_DATA1		
	123	SPI_CS0	ENET2_RX_EN	GPIO2_IO10	B17	SPI0_CS0/PA3/MCDB3	PA3/SPI0_CS0/MCDB3	SPI0_NPCS3	PB3	SPI0_NCS1/CANRX0/PD14	UTXD1/PC16	GPIO2_IO10/ENET2_RX_EN		
	124	SPI_CS1	ENET2_TX_DATA0	GPIO2_IO11	A15	PA4/RTS2/MCDB2	PA4/RTS2/MCDB2	TWD2	PB4	SPI0_NCS2/CANTX0/PD15	URXD1/PC17	GPIO2_IO11/ENET2_TX_DATA0		
	110	SPI_CS2	LCD_DATA04	GPIO3_IO09	C10	PA5/CTS2/MCDB1	PA5/CTS2/MCDB1	TWCK2	PB5	SPI0_NCS3/PD16	TIOA5/PC12	GPIO3_IO9/LCD_DATA04		
SERIAL PORTS	71	COMA_RXD	UART3_RX_DATA	GPIO1_IO25	H16	RXD3/PB11	RXD3/PB11	URXD0	PC9	RXD0/PD18	URXD0/PC9	UART3_RXD		
	73	COMA_TXD	UART3_TX_DATA	GPIO1_IO24	H17	TXD3/PB10	TXD3/PB10	UTXD0	PC8	TXD0/PD18	UTXD0/PC8	UART3_TXD		
	38	COMB_RXD	UART2_RX_DATA	GPIO1_IO21	J16	RXD1/PB7	RXD1/PB7	RXD0	PA1	RXD2/PE25	RXD0/PA1	UART2_RXD		
	36	COMB_TXD	UART2_TX_DATA	GPIO1_IO20	J17	TXD1/PB6	TXD1/PB6	TXD0	PA0	TXD2/PE26	TXD0/PA0	UART2_TXD		
	82	COMB_RTS/GPIO	UART2_CTS_B	GPIO1_IO22	J15	RTS1/PB28	RTS1/PB28	RTS0	PA2	RTS2/PE24	RTS0/PA2	CAN2_RX/UART2_RTS		
	78	COMB_CTS/GPIO	UART2_RTS_B	GPIO1_IO23	H14	CTS1/PB29	CTS1/PB29	CTS0	PA3	CTS2/PE23	CTS0/PA3	CAN2_TX/UART2_CTS		
	103	COMC_RXD_	UART1_RX_DATA	GPIO1_IO17	K16	RXD0/PB5	RXD0/PB5	RXD3	PC23	RXD1/PB28	RXD3/PC23	UART1_RXD		
	102	COMC_TXD	UART1_TX_DATA	GPIO1_IO16	K14	TXD0/PB4	TXD0/PB4	TXD3	PC22	TXD1/PB29	TXD3/PC22	UART1_TXD		
	107	COMC_DSR/GPIO	NAND_DATA05	GPIO4_IO07	B6	DSR0/PB22	DSR0/PB22	RTS3	PC26	PWMH1/PA22	SCK3/PC26	GPIO4_IO7/NAND_DATA05		
	106	COMC_DTR/GPIO	NAND_DATA06	GPIO4_IO08	A6	DTR0/PB24	DTR0/PB24	CTS3	PB2	PWMH2/PB8	PWM2/PC20	GPIO4_IO8/NAND_DATA06		
	76	COMC_RI/GPIO	NAND_DATA07	GPIO4_IO09	A5	RI0/PB25	RI0/PB25	SCK3	PB15	PWMH3/PB12	PWM3/PC21	GPIO4_IO9/NAND_DATA07		
	30	COMC_DCD/GPIO	NAND_DATA04	GPIO4_IO06	C6	DCD0/PB23	DCD0/PB23 (Output only)	SCK2	PA4	PWMH0/PA20	PCK0/PC15	GPIO4_IO6/NAND_DATA04		
	39	COMC_RTS/GPIO	UART1_CTS_B	GPIO1_IO18	K15	RTS0/PB26	RTS0/PB26	AD4	PC24	RTS1/PB27	RTS3/PC24	UART1_RTS		
	79	COMC_CTS/GPIO	UART1_RTS_B	GPIO1_IO19	J14	CTS0/PB27	CTS0/PB27	SCK0	PC25	CTS1/PB26	CTS3/PC25	UART1_CTS		
	48	COMD TX	UART4_TX_DATA	GPIO1_IO28	G17	TXD5/PB12	TXD5/PB12	TXD2/SPI0_NPCS1	PA7	TXD3/PE19	TXD2/PA5	I2C1_SCL/UART4_TXD		
	49	COMD RX	UART4_RX_DATA	GPIO1_IO29	G16	RXD5/PB13	RXD5/PB13	RXD2/SPI1_NPCS0	PA8	RXD3/PE18	RXD2/PA8	I2C1_SDA/UART4_RXD		
Debug	46	COME RX	UART5_RX_DATA	GPIO1_IO31	G13	DRXD/PB14	DRXD/PB14	DRXD/CANRX0	PA9	DRXD/PB30	DRXD/PA9	I2C2_SDA/UART5_RXD		
Debug	47	COME TX	UART5_TX_DATA	GPIO1_IO30	F17	DTXD/PB15	DTXD/PB15	DTXD/CANTX0	PA10	DTXD/PB31	DTXD/PA10	I2C2_SCL/UART5_TXD		
GPIO	40	GPIO0	GPIO1_IO00/OTG1_ID	GPIO1_IO00	K13	NC	NC	TIOB3	PC3	TCLK1/PC16	TIOB5/PC13	OTG1_ID/GPIO1_IO0		
IRQ	75	GPIO1	LCD_VSYNC	GPIO3_IO03	C9	IRQ0/NCS7/PC12	IRQ0/NCS7/PC12	RTS2	PB0	FIQ/PWMF1/PC31	FIQ/PCK1/PC31	GPIO3_IO3/LCD_VSYNC		
IRQ	32	GPIO2	LCD_RESET	GPIO3_IO04	E9	IRQ1/PC15	IRQ1/PC15	CTS2	PB1	IRQ/PWML1/PE31	TIOB3/PC3	GPIO3_IO4/LCD_RESET		
	117	GPIO3	GPIO1_IO04/OTG1_PWR	GPIO1_IO04	M16	TIOB0/NCS5/PC9	PA26/TIOA0	TIOA5	PC12	PCK2/PC15	TIOA3/PC2	OTG1_PWR/GPIO_IO04		
	127	GPIO4	GPIO1_IO05/OTG2_ID	GPIO1_IO05	M17	RK0/PB20 (Led)	RK0/PB20 (Led/wdg)	TIOB1/RK	PA28	RK1/PB7	RK/PA28	OTG2_ID/GPIO1_IO05		
A/D	129	GPIO5	GPIO1_IO06/ADC_IN6	GPIO1_IO06	K17	AN0/PC0	AN0/PC0	AD0/PWM0	PB11	AD0/PD20	AD0/PWM0/PB11	ADC_IN6/GPIO1_IO06		
A/D	130	GPIO6	GPIO1_IO07/ADC_IN7	GPIO1_IO07	L16	AN1/PC1	AN1/PC1	AD1/PWM1	PB12	AD1/PD21	AD1/PWM1/PB12	ADC_IN7/GPIO1_IO07		
A/D	131	GPIO7	GPIO1_IO08/ADC_IN8	GPIO1_IO08	N17	AN2/PC2	AN2/PC2	AD2/PWM2	PB13	AD2/PD22	AD2/PWM2/PB13	ADC_IN8/GPIO1_IO08		
A/D	132	GPIO8	GPIO1_IO09/ADC_IN9	GPIO1_IO09	M15	AN3/SPI1-CS3/PC3	AN3/SPI1-CS3/PC3	AD3/PWM3	PB14	AD3/PD23	AD3/PWM3/PB14	ADC_IN9/GPIO1_IO09		
SPI	133	GPIO9	NAND_CLE/SPI3_MISO	GPIO4_IO15	A4	SPI1-MI/TIOA3/PB0	SPI1-MI/TIOA3/PB0	SPI1_MISO/TIOA0	PA21	SPI1_MISO/PC22	SPI1_MISO/PA21	SPI3_MISO/NAND_CLE		
SPI	134	GPIO10	NAND_CE1#/SPI3_MOSI	GPIO4_IO14	B5	SPI1-MO/TIOB3/PB1	SPI1-MO/TIOB3/PB1	SPI1_MOSI/TIOA1	PA22	SPI1_MOSI/PC23	SPI1_MOSI/PA22	SPI3_MOSI/NAND_CE1#		
SPI	135	GPIO11	NAND_CE0#/SPI3_SCLK	GPIO4_IO13	C5	SPI1-SPCK/TIOA4/PB2	SPI1-SPCK/TIOA4/PB2	SPI1_SPCK/TIOA2	PA23	SPI1_SPCK/PC24	SPI1_SPCK/PA23	SPI3_SCLK/NAND_CE0#		
SPI	136	GPIO12	NAND_ALE/SPI3_CS1#	GPIO4_IO10	B4	SPI1-CS0/TIOA5/PB3	SPI1-CS0/TIOA5/PB3	SPI1-NPCS2/TWCK0	PA31	SPI1_NPCS2/TWCK1/PC27	SPI1_NPCS2/PA31	SPI3_CS1#/NAND_ALE		
SPI	105	GPIO13	GPIO1_IO01/OTG1_OC	GPIO1_IO01	L15	PCK0/PB30	PCK0/PB30	SPI1_NPCS3/TWD0	PA30	SPI1_NPCS1/TWD1/PC26	SPI1_NPCS3/PA30	OTG1_OC/GPIO1_IO01		
Clk/PWM	114	GPIO14	LCD_DATA00/PWM1_OUT	GPIO3_IO05	B9	TIOB2/PC6	TIOB2/PC6	TIOA3	PC2	TIOA1/PC12	PWM0/PC18	PWM1_OUT/LCD_DATA00		
Clk/PWM	115	GPIO15	LCD_DATA01/PWM2_OUT	GPIO3_IO06	A9	TIOB1/PC7	TIOB1/PC7	TIOA4	PC5	TIOB0/PD6	PWM1/PC19	PWM2_OUT/LCD_DATA01		
BOOT OPTIONS	41	BOOT_OPTION1	LCD_DATA05	GPIO3_IO10	B10	BMS	BMS	BMS		BMS	BMS	GPIO3_IO10/LCD_DATA05		
	74	BOOT_OPTION2	LCD_DATA06	GPIO3_IO11	A10	Flash Disable	Flash Disable	Flash Disable		Flash Disable	Serial Flash Enable	GPIO3_IO11/LCD_DATA06		
CAN	96	CANTX	UART3_CTS_B/CAN1_TX	GPIO1_IO26	H15	TXD2/PB8	TXD2/PB8	CANTX1/TXD1	PA5	CANTX1/PB15	TXD1/PA5	CAN1_TX/UART3_CTS		
	95	CANRX	UART3_RTS_B/CAN1_RX	GPIO1_IO27	G14	RXD2/PB9	RXD2/PB9	CANRX1/RXD1	PA6	CANRX1/PB14	RXD1/PA6	CAN1_RX/UART3_RTS		
Audio	87	Audio SCLK	JTAG_TDI/I2S2_BCLK	GPIO1_IO13	N16	TK0/TCLK3/PB16	TK0/TCLK3/PB16	TCLK0/TK	PA24	TK1/PB2	TK/TCLK0/PA24	I2S2_BCLK/JTAG_TDI		
	80	Audio LRCK/TF	JTAG_TDO/I2S2_SYNC	GPIO1_IO12	N15	TF0/TCLK4/PB17	TF0/TCLK4/PB17	TCLK1/TF	PA25	TF1/PB3	TF/TCLK1/PA25	I2S2_SYNC/JTAG_TDO		
	125	Audio SDIN	JTAG_TRST/I2S2_TXD	GPIO1_IO15	N14	TD0/TIOB4/PB18	TD0/TIOB4/PB18	TCLK2/TD	PA26	TD1/PB6	TD/TCLK2/PA26	I2S2_TXD/JTAG_TRST#		
	126	Audio SDOUT	JTAG_TCK/I2S2_RXD	GPIO4_IO14	M14	RD0/TIOB5/PB19	RD0/TIOB5/PB19	TIOB0/RD	PA27	RD1/PB11	RD/TIOB0/PA27	I2S2_RXD/JTAG_TCK		
	128	Audio RF	JTAG_TMS/I2S2_MCLK	GPIO4_IO11	P14	RF0/PB21	RF0/PB21	TIOB2/RF	PA29	RF1/PB10	RF/TIOB2/PA29	I2S2_MCLK/JTAG_TMS		

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65	USB Host B+	HDPB (USBH)	HDPB (USBH)	HFSDPC	HHSDPB	HHSDPB		