

System	PIN#	Module Pin Name	Atmel 9260	Atmel 9220	Atmel 9x25	Atmel A5D35	Atmel 9G25	i.MX6UL-R1	Comment	Notes	i.MX6UL-R2	Port	BGA Pin
System Control	100	GP_CS1	NCS3/RQ2/PC14	NCS0	NCS2/D29	NCS1/PE27	NCS2/PD19	EM_CS0#/CS1_MCLK			CS1_MCLK/EIM_CS0#	GPIO4_IO17	F5
	98	GP_CS2	NC	PC9/NCS5/TIOB0	NCS4/D30	NCS2/PE28	NCS4/PD20	EM_CS1#/NAND_READY#			NAND_READY/EIM_CS1#	GPIO4_IO12	A3
	108	GP_CS3	NCS4/RTS3/PC8	PC8/NCS4/RTS3	NCS5/D31	NCS3	NCS5/PD21	EM_CS2#/LCCD_CLK			LCD_CLK/EIM_CS2#	GPIO3_IO00	A8
	16	-RD/-OE	NRD	NRD	NRD	NRD	NRD	EM_OE/CS1_PIXCLK			CS1_PIXCLK/EIM_OE	GPIO4_IO18	E5
	83	-WR	NWR0/NWE	NWR0/NWE	NWR0/NWE	NEW	NWR0	EM_WR/CS1_VSYNCR			CS1_VSYNCR/EIM_WR	GPIO4_IO19	F2
	6	-RST_IN	-RST_IN	-RST_IN	SOM_RST_IN	SOM_RST_IN	RST_IN	POR#			POR	N/A	P8
	43	-RST_OUT	-RST_OUT	-RST_OUT	SOM_RST_OUT	SOM_RST_OUT	RST_OUT	RST_OUT#	Not connected to MPU		POR	N/A	P8
	44	-EA	SHDN	SHDN	SHDN	SHDN	SHDN	CCM_PMIC_STBY_REQ			CCM_PMIC_STBY_REQ	N/A	U9
	85	Flash WP	NC	Dataflash WP	Dataflash WP	Serial Flash WP#	Flash WP#	FLASH_WP#	Not connected to MPU		FLASH_WP# (N250064)	N/C	3
	72	ALE/-TS	WKUP	WKUP	WKUP	WKUP	WKUP	SNVS_PMIC_ON_REQ			SNVS_PMIC_ON_REQ	N/A	T9
System Bus	26	A0	A0/NBS0	A0/NBS0	A0/PE0	A0	EM_AD0/CS1DATA00			EM_AD0/CS1DATA00	GPIO4_IO21	E4	
	35	A1	A1/NBS2/NWR2	A1/NBS2/NWR2	A1/PE1	A1	EM_AD1/CS1_DATA01			EM_AD1/CS1_DATA01	GPIO4_IO22	E3	
	33	A2	A2	A2	A2/PE2	A2	EM_AD2/CS1_DATA02			EM_AD2/CS1_DATA02	GPIO4_IO23	E2	
	31	A3	A3	A3	A3/PE3	A3	EM_AD3/CS1_DATA03			EM_AD3/CS1_DATA03	GPIO4_IO24	E1	
	28	A4	A4	A4	A4/PE4	A4	EM_AD4/CS1_DATA04			EM_AD4/CS1_DATA04	GPIO4_IO25	D4	
	109	A5	A5	A5	A5/PE5	A5	EM_AD5/CS1_DATA05			EM_AD5/CS1_DATA05	GPIO4_IO26	D3	
	111	A6	A6	A6	A6/PE6	A6	EM_AD6/CS1_DATA06			EM_AD6/CS1_DATA06	GPIO4_IO27	D2	
	113	A7	A7	A7	A7/PE7	A7	EM_AD7/CS1_DATA07			EM_AD7/CS1_DATA07	GPIO4_IO28	D1	
	10	A8	A8	A8	A8/PE8	A8	N/A			N/A	N/A		
	12	A9	A9	A9	A9/PE9	A9	N/A			N/A	N/A		
	18	A10	A10	A10	A10/PE10	A10	N/A			N/A	N/A		
	14	A11	A11	A11	A11/PE11	A11	N/A			N/A	N/A		
	37	A12	A12	A12	A12/PE12	A12	N/A			N/A	N/A		
	5	A13	A13	A13	A13/PE13	A13	N/A			N/A	N/A		
	11	A14	A14	A14	A14/PE14	A14	N/A			N/A	N/A		
	9	A15	A15	A15	A15/SCK3/PE15	A15	N/A			N/A	N/A		
	7	A16	A16	A16	A16/BA0	A16	N/A			N/A	N/A		
	13	A17	A17	A17	A17/BA1	A17	N/A			N/A	N/A		
	97	A18	A18	A18	A18/BA2	A18	N/A			N/A	N/A		
	17	A19	A23/SP1_NPS2/PC4	A23/SP1_NPS2/PC4	A19	A19	N/A			N/A	N/A		
	15	A20	A24/SP1_NPS1/PC5	A24/SP1_NPS1/PC5	A20	A20	N/A			N/A	N/A		
	104	A21	A25/CTS3/PC10	A25/CTS3/PC10	A21/PE21	A21	N/A			N/A	N/A		
	29	D0	D0	D0	D0	D0	EM_DATA0/LCD_DATA08			EM_DATA0/LCD_DATA08	LCD_DATA0/EIM_DATA0	GPIO3_IO13	B11
	27	D1	D1	D1	D1	D1	EM_DATA1/LCD_DATA09			EM_DATA1/LCD_DATA09	LCD_DATA1/EIM_DATA1	GPIO3_IO14	A11
	25	D2	D2	D2	D2	D2	EM_DATA2/LCD_DATA10			EM_DATA2/LCD_DATA10	LCD_DATA2/EIM_DATA2	GPIO3_IO15	E12
	22	D3	D3	D3	D3	D3	EM_DATA3/LCD_DATA11			EM_DATA3/LCD_DATA11	LCD_DATA3/EIM_DATA3	GPIO3_IO16	D12
	23	D4	D4	D4	D4	D4	EM_DATA4/LCD_DATA12			EM_DATA4/LCD_DATA12	LCD_DATA4/EIM_DATA4	GPIO3_IO17	C12
	21	D5	D5	D5	D5	D5	EM_DATA5/LCD_DATA13			EM_DATA5/LCD_DATA13	LCD_DATA5/EIM_DATA5	GPIO3_IO18	B12
	19	D6	D6	D6	D6	D6	EM_DATA6/LCD_DATA14			EM_DATA6/LCD_DATA14	LCD_DATA6/EIM_DATA6	GPIO3_IO19	A12
	20	D7	D7	D7	D7	D7	EM_DATA7/LCD_DATA08			EM_DATA7/LCD_DATA08	LCD_DATA7/EIM_DATA7	GPIO3_IO20	D13
	8	D8	D8	D8	D8	D8	EM_DATA8/LCD_DATA08			EM_DATA8/LCD_DATA08	LCD_DATA8/EIM_DATA8	GPIO3_IO21	C13
	24	D9	D9	D9	D9	D9	EM_DATA9/LCD_DATA08			EM_DATA9/LCD_DATA08	LCD_DATA9/EIM_DATA9	GPIO3_IO22	B13
34	D10	D10	D10	D10	D10	EM_DATA10/LCD_DATA08			EM_DATA10/LCD_DATA08	LCD_DATA10/EIM_DATA10	GPIO3_IO23	A13	
70	D11	D11	D11	D11	D11	EM_DATA11/LCD_DATA08			EM_DATA11/LCD_DATA08	LCD_DATA11/EIM_DATA11	GPIO3_IO24	D14	
77	D12	D12	D12	D12	D12	EM_DATA12/LCD_DATA08			EM_DATA12/LCD_DATA08	LCD_DATA12/EIM_DATA12	GPIO3_IO25	C14	
81	D13	D13	D13	D13	D13	EM_DATA13/LCD_DATA08			EM_DATA13/LCD_DATA08	LCD_DATA13/EIM_DATA13	GPIO3_IO26	B14	
84	D14	D14	D14	D14	D14	EM_DATA14/LCD_DATA08			EM_DATA14/LCD_DATA08	LCD_DATA14/EIM_DATA14	GPIO3_IO27	A14	
86	D15	D15	D15	D15	D15	EM_DATA15/LCD_DATA08			EM_DATA15/LCD_DATA08	LCD_DATA15/EIM_DATA15	GPIO3_IO28	B16	
SDIO	50	MMC/SD 4-Bit DA0	MCCDA/PA6	MCCDA/PA6	MCIO_DA0	MCIO_DA0/PB20	MCIO_DA0/PA15	SD2_DATA0/NAND_DATA00			NAND_DATA0/SD2_DATA0	GPIO4_IO02	D7
	51	MMC/SD 4-Bit CMD	MCCDA/PA7	MCCDA/PA7	MCIO_CDA	MCIO_CDA/PB19	MCIO_CDA/PA16	SD2_CMD/NAND_WE#			NAND_WE#/SD2_CMD	GPIO4_IO01	C8
	54	MMC/SD 4-Bit CLK	MCCCK/PA8	MCCCK/PA8	MCIO_CLK	MCIO_CLK/PB24	MCIO_CLK/PA17	SD2_CLK/NAND_RE#			NAND_RE#/SD2_CLK	GPIO4_IO00	D8
	55	MMC/SD 4-Bit DA1	MCCDA1/PA9	MCCDA1/PA9	MCIO_DA1	MCIO_DA1/PB21	MCIO_DA1/PA18	SD2_DATA1/NAND_DATA01			NAND_DATA01/SD2_DATA1	GPIO4_IO03	B7
	56	MMC/SD 4-Bit DA2	MCCDA2/PA10	MCCDA2/PA10	MCIO_DA2	MCIO_DA2/PB22	MCIO_DA2/PA19	SD2_DATA2/NAND_DATA02			NAND_DATA02/SD2_DATA2	GPIO4_IO04	A7
	57	MMC/SD 4-Bit DA3	MCCDA3/PA11	MCCDA3/PA11	MCIO_DA3	MCIO_DA3/PB23	MCIO_DA3/PA20	SD2_DATA3/NAND_DATA03			NAND_DATA03/SD2_DATA3	GPIO4_IO05	D6
	42	SD_Card_Detect	FIQ/PC13/NC56	PA29/SCK1	TCLK3	TIOB1/PC13	TCLK3/PC4	GPIO4_IO1/NAND_WP#			NAND_WP#	GPIO4_IO11	D5
	USB	45	Vbus	PCK1/PB31	PCK1/PB31	A25	AD10/PCK0/PD30	TIOA4/PC5	USB_OTG_VBUS	Connects to OTG1 and OTG2		N/C	
60		USB Device -	DDM (USBD)	DDM (USBD)	DHSDM	HHSMD/DHSDMA	HFSDM/DFSDM	USB_OTG1_DN			HSD2- (FSUSB43L10x)	N/C	4
81		USB Device +	DDP (USBD)	DDP (USBD)	DHSDP	HHSDP/DHSDPA	HFSDP/DFSDP	USB_OTG1_DP			HSD2+ (FSUSB43L10x)	N/C	3
64		USB Host A+	HDPB (USBH)	HDPB (USBH)	HHSDBP	HHSDBP	HHSDBP	USB_OTG2_DP			USB_OTG2_DP	N/A	U13
66		USB Host A-	HDMA (USBH)	HDMA (USBH)	HHSDBM	HHSDBM	HHSDBM	USB_OTG2_DN			USB_OTG2_DN	N/A	T13
65		USB Host B+	HDPB (USBH)	HDPB (USBH)	HFSDBP	HHSDBP	HHSDBP	HSD1+ (FSUSB43L10x)			HSD1+ (FSUSB43L10x)	N/C	1
67	USB Host B-	HDMA (USBH)	HDMA (USBH)	HFSDBM	HHSDBM	HHSDBM	HSD1- (FSUSB43L10x)			HSD1- (FSUSB43L10x)	N/C	2	
POWER/GND	3	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC			3.3V_VCC	N/A	
	4	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC			3.3V_VCC	N/A	
	141	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC			3.3V_VCC	N/A	
	142	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC	3.3VCC			3.3V_VCC	N/A	
	1	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	2	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	52	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	53	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	58	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	59	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	62	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	63	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	68	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	69	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	143	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	144	GND	GND	GND	GND	GND	GND	GND			GND	N/A	
	119	VSTBY	VSTBY (3.3V)	VSTBY (3.3V)	3.3VCC	VSTBY (3.3V)	VSTBY	VBAT (3.0V)			3.3V_STBY	N/A	
118	ALT_VCC	NC	NC	NC	NC	NC	5.0VCC			USB_OTGx_VBUS (Optional)	N/A	T12/U12	
101	AV_VCC	NC	NC	NC	NC	NC	VDD_SNVS_IN			VDD_SNVS_IN (Optional)	N/A	P12	
99	V_REF	NC	PA30/RXD4+ PA31/TXD4+	ADVREF	NC	NC	ADC_VREFH			ADC_VREFH (Optional)	N/A	M13	
JTAG/GPIO	139	JTAG_TCK	JTAG_TCK	JTAG_TCK	JTAG_TCK	JTAG_TCK/SWCLK	JTAG_TCK	JTAG_TCK			JTAG_TCK (Optional)	GPIO1_IO14	M14
	137	JTAG_TDI	JTAG_TDI	JTAG_TDI	JTAG_TDI	JTAG_TDI	JTAG_TDI	JTAG_TDI			JTAG_TDI (Optional)	GPIO1_IO13	N16
	138	JTAG_TDO	JTAG_TDO	JTAG_TDO	JTAG_TDO	JTAG_TDO	JTAG_TDO	JTAG_TDO			JTAG_TDO (Optional)	GPIO1_IO12	N15

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	140	JTAG_TMS	JTAG_TMS	JTAG_TMS	JTAG_TMS	JTAG_TMS/SWDIO	JTAG_TMS	JTAG_TMS	JTAG_TMS (Optional)	GPIO1_IO11	P14
	112	JTAG_TRST	JTAG_NTRST	JTAG_NTRST	JTAG_NTRST	JTAG_NTRST	JTAG_NTRST	JTAG_TRST#	JTAG_TRST (Optional)	GPIO1_IO15	N14
I2C	116	LOCAL1W/SCL	NC	PA24/TWCK	PA23/TWD	TWCK1	TWCK0/UTXD1/PA31	TWCK1/PC1	I2C1_SCL/OTG2_PWR/GPIO1_IO2	GPIO1_IO02/I2C1_SCL	L14
	88	SDA	ETH_LED0	PA23/TWD	TWD1	TWD0/URXD1/PA30	TWD1/PC0	I2C1_SDA/OTG2_OC/GPIO1_IO3	GPIO1_IO03/I2C1_SDA	GPIO1_IO03	L17
ETHMAGNET	89	LED_LINK/CFG_1	ETH_LED1	ETH_LED1	ETH_LED1	ETH_LED1	ETH_LED1	LED_LINK/CFG_1	LED_LINK	LED0/NWAVEN (KSZ28081)	N/A
ICS	90	LED_RX/CFG_2	ETH_LED2	ETH_LED2	ETH_LED2	ETH_LED2	ETH_LED2	LED_ACT	LED_RX/CFG_2	LED1/SPEED (KSZ28081)	N/A
	94	Ethernet_Rx-	Ethernet Rx-	Ethernet Rx-	Ethernet Rx-	Ethernet Rx-	Ethernet Rx-	MDI_RX-	MDI_RX-	RXM (KSZ28081)	N/A
	92	Ethernet_Rx+	Ethernet Rx+	Ethernet Rx+	Ethernet Rx+	Ethernet Rx+	Ethernet Rx+	MDI_RX+	MDI_RX+	RXP (KSZ28081)	N/A
	93	Ethernet_Tx-	Ethernet Tx-	Ethernet Tx-	Ethernet Tx-	Ethernet Tx-	Ethernet Tx-	MDI_TX-	MDI_TX-	TXN (KSZ28081)	N/A
	91	Ethernet_Tx+	Ethernet Tx+	Ethernet Tx+	Ethernet Tx+	Ethernet Tx+	Ethernet Tx+	MDI_TX+	MDI_TX+	TXP (KSZ28081)	N/A
	122	SPI_MI	SPI0_MIP/A0/MCDB0	PA0/SPI0_MIP/MCDB0	SPI0_MISO	SPI0_MISO/PD10	SPI0_MISO/PD10	SPI0_MISO/PA12	SPI4_MISO/ENET2_TX_CLK	ENET2_TX_CLK/SPI4_MISO	GPIO2_IO14
SPI	121	SPI_MO	SPI0_MOP/A1/MCDB0	PA1/SPI0_MOP/MCDB0	SPI0_MOSI	SPI0_MOSI/PD11	SPI0_MOSI/PD11	SPI0_MOSI/PA12	SPI4_MOSI/ENET2_TX_EN	ENET2_TX_EN/SPI4_MOSI	GPIO2_IO13
	120	SPI_SCK	SPI0_SCK/PA2	PA2/SPI0_SCK	SPI0_SPCK	SPI0_SPCK/PD12	SPI0_SPCK/PD12	SPI0_SCK/PA13	SPI4_SCK/ENET2_TX_DATA1	ENET2_TX_DATA1/SPI4_SCLK	GPIO2_IO12
	123	SPI_CS0	SPI0_CS0/PA3/MCDB3	PA3/SPI0_CS0/MCDB3	SPI0_NPCS3	SPI0_NPCS1/CANRX0/PD14	UTXD1/PC16	GPIO2_IO10/ENET2_RX_EN	GPIO2_IO10/ENET2_RX_EN	ENET2_RX_EN	GPIO2_IO10
	124	SPI_CS1	PA4/RTS2/MCDB2	PA4/RTS2/MCDB2	TWD2	SPI0_NCS2/CANTX0/PD15	URXD1/PC17	GPIO2_IO11/ENET2_TX_DATA0	GPIO2_IO11/ENET2_TX_DATA0	ENET2_TX_DATA0	GPIO2_IO11
	110	SPI_CS2	PA5/CTS2/MCDB1	PA5/CTS2/MCDB1	TWCK2	SPI0_NCS3/PD16	TIOA5/PC12	GPIO3_IO9/LCD_DATA04	GPIO3_IO9/LCD_DATA04	LCD_DATA04	GPIO3_IO09
SERIAL PORTS	71	COMA_RXD	RXD3/PB11	RXD3/PB11	URXD0	RXD0/PD18	URXD0/PC9	UART3_RXD	UART3_RXD	UART3_RX_DATA	GPIO1_IO25
	73	COMA_TXD	TXD3/PB10	TXD3/PB10	UTXD0	TXD0/PD18	UTXD0/PC8	UART3_TXD	UART3_TXD	UART3_TX_DATA	GPIO1_IO24
	38	COMB_RXD	RXD1/PB7	RXD0	RXD0	RXD2/PE25	RXD0/PA1	UART2_RXD	UART2_RXD	UART2_RX_DATA	GPIO1_IO21
	36	COMB_TXD	TXD1/PB6	TXD0	TXD0	TXD2/PE26	TXD0/PA0	UART2_TXD	UART2_TXD	UART2_TX_DATA	GPIO1_IO20
	82	COMB_RTS/GPIO	RTS1/PB28	RTS0	RTS0	RTS2/PE24	RTS0/PA2	CAN2_RX/UART2_RTS	CAN2_RX/UART2_RTS	UART2_CTS_B	GPIO1_IO22
	78	COMB_CTS/GPIO	CTS1/PB29	CTS0	CTS0	CTS2/PE23	CTS0/PA3	CAN2_TX/UART2_CTS	CAN2_TX/UART2_CTS	UART2_RTS_B	GPIO1_IO23
	103	COMC_RXD	RXD0/PB5	RXD0/PB5	RXD3	RXD1/PB28	RXD3/PC23	UART1_RXD	UART1_RXD	UART1_RX_DATA	GPIO1_IO17
	102	COMC_TXD	TXD0/PB4	TXD0/PB4	TXD3	TXD1/PB29	TXD3/PC22	UART1_TXD	UART1_TXD	UART1_TX_DATA	GPIO1_IO16
	107	COMC_DSRA/GPIO	DSR0/PB22	DSR0/PB22	RTS3	PWMH0/PA22	SCK3/PC28	GPIO4_IO7/NAND_DATA05	GPIO4_IO7/NAND_DATA05	NAND_DATA05	GPIO4_IO07
	106	COMC_DTRA/GPIO	DTR0/PB24	DTR0/PB24	CTS3	PWMH2/PB8	PWMH2/PC20	GPIO4_IO8/NAND_DATA06	GPIO4_IO8/NAND_DATA06	NAND_DATA06	GPIO4_IO08
	76	COMC_RIGPIO	RIO/PB25	RIO/PB25	SCK3	PWMH3/PB12	PWM3/PC21	GPIO4_IO9/NAND_DATA07	GPIO4_IO9/NAND_DATA07	NAND_DATA07	GPIO4_IO09
	30	COMC_DCD/GPIO	DCD0/PB23	DCD0/PB23 (Output only)	SCK2	PWMH0/PA20	PKC0/PC15	GPIO4_IO6/NAND_DATA04	GPIO4_IO6/NAND_DATA04	NAND_DATA04	GPIO4_IO06
	39	COMC_RTS/GPIO	RTS0/PB26	RTS0/PB26	AD4	RTS1/PB27	RTS3/PC24	UART1_RTS	UART1_RTS	UART1_CTS_B	GPIO1_IO18
	79	COMC_CTS/GPIO	CTS0/PB27	CTS0/PB27	SCK0	CTS1/PB26	CTS3/PC25	UART1_CTS	UART1_CTS	UART1_CTS_B	GPIO1_IO19
	48	COMD_TX	TXD5/PB12	TXD5/PB12	TXD2/SPI0_NPCS1	TXD3/PE19	TXD2/PA5	I2C1_SCL/UART4_TXD	I2C1_SCL/UART4_TXD	UART4_TX_DATA	GPIO1_IO28
	49	COMD_RX	RXD5/PB13	RXD5/PB13	RXD2/SPI1_NPCS0	RXD3/PE18	RXD2/PA8	I2C1_SDA/UART4_RXD	I2C1_SDA/UART4_RXD	UART4_RX_DATA	GPIO1_IO29
Debug	46	COME_RX	DRXD/PB14	DRXD/PB14	DRXD/CANRX0	DRXD/PB30	DRXD/PA9	I2C2_SDA/UART5_RXD	I2C2_SDA/UART5_RXD	UART5_RX_DATA	GPIO1_IO31
Debug	47	COME_TX	DTXD/PB15	DTXD/PB15	DTXD/CANTX0	DTXD/PB31	DTXD/PA10	I2C2_SCL/UART5_TXD	I2C2_SCL/UART5_TXD	UART5_TX_DATA	GPIO1_IO30
GPIO	40	GPIO0	NC	NC	TIOB3	TCLK1/PC16	TIOB5/PC13	OTG1_ID/GPIO1_IO0	GPIO1_IO0/OTG1_ID	GPIO1_IO00	K13
IRQ	75	GPIO1	IRQ0/NCS7/PC12	IRQ0/NCS7/PC12	RTS2	FIQ/PWMF11/PC31	FIQ/PC13	GPIO3_IO3/LCD_VSYNC	GPIO3_IO3/LCD_VSYNC	LCD_VSYNC	GPIO3_IO03
IRQ	32	GPIO2	RO1/PC15	RO1/PC15	CTS2	IRQ/PWML1/PC31	TIOB3/PC3	GPIO3_IO4/LCD_RESET	GPIO3_IO4/LCD_RESET	LCD_RESET	GPIO3_IO04
	117	GPIO3	TIOB0/NCS5/PC9	PA28/TIOA0	TIOA5	PKC2/PC15	TIOA3/PC2	OTG1_PWR/GPIO_IO04	OTG1_PWR/GPIO_IO04	GPIO1_IO04	E9
	127	GPIO4	RK0/PB20 (Led/wdg)	RK0/PB20 (Led/wdg)	TIOB1/RK	RK1/PB7	RK/PA28	OTG2_ID/GPIO1_IO05	OTG2_ID/GPIO1_IO05	GPIO1_IO05	M17
A/D	129	GPIO5	AN0/PC0	AN0/PC0	AD0/PWM0	AD0/PD20	AD0/PWM0/PB11	ADC_IN6/GPIO1_IO06	ADC_IN6/GPIO1_IO06	GPIO1_IO06	K17
A/D	130	GPIO6	AN1/PC1	AN1/PC1	AD1/PWM1	AD1/PD21	AD1/PWM1/PB12	ADC_IN7/GPIO1_IO07	ADC_IN7/GPIO1_IO07	GPIO1_IO07	L16
A/D	131	GPIO7	AN2/PC2	AN2/PC2	AD2/PWM2	AD2/PD22	AD2/PWM2/PB13	ADC_IN8/GPIO1_IO08	ADC_IN8/GPIO1_IO08	GPIO1_IO08	N17
A/D	132	GPIO8	AN3/SPI1-CS3/PC3	AN3/SPI1-CS3/PC3	AD3/PWM3	AD3/PD23	AD3/PWM3/PB14	ADC_IN9/GPIO1_IO09	ADC_IN9/GPIO1_IO09	GPIO1_IO09	M15
SPI	133	GPIO9	SPI1-MIT/OA3/PB0	SPI1-MIT/OA3/PB0	SPI1_MISO/TIOA0	SPI1_MISO/PC22	SPI1_MISO/PA21	NAND_CE1/SPI3_MISO	NAND_CE1/SPI3_MISO	GPIO4_IO15	A4
SPI	134	GPIO10	SPI1-MOT/OB3/PB1	SPI1-MOT/OB3/PB1	SPI1_MOSI/TIOA1	SPI1_MOSI/PC23	SPI1_MOSI/PA22	NAND_CE1/SPI3_MOSI	NAND_CE1/SPI3_MOSI	GPIO4_IO14	B5
SPI	135	GPIO11	SPI1-SPCK/TIOA4/PB2	SPI1-SPCK/TIOA4/PB2	SPI1_SPCK/TIOA2	SPI1_SPCK/PC24	SPI1_SPCK/PA23	NAND_CE0/SPI3_SCLK	NAND_CE0/SPI3_SCLK	GPIO4_IO13	C5
SPI	136	GPIO12	SPI1-CS0/TIOA5/PB3	SPI1-CS0/TIOA5/PB3	SPI1_NPCS2/TWCK0	SPI1_NPCS2/TWCK1/PC27	SPI1_NPCS2/PA31	NAND_ALE/SPI3_CS1#	NAND_ALE/SPI3_CS1#	GPIO4_IO10	B4
SPI	105	GPIO13	PKC0/PB30	PKC0/PB30	SPI1_NPCS3/TWD0	SPI1_NPCS3/TWD1/PC26	SPI1_NPCS3/PA30	OTG1_OC/GPIO1_IO01	OTG1_OC/GPIO1_IO01	GPIO1_IO01	L15
Clk/PWM	114	GPIO14	TIOB2/PC6	TIOB2/PC6	TIOA3	TIOA1/PC12	PWM0/PC18	LCD_DATA00/PWM1_OUT	LCD_DATA00/PWM1_OUT	GPIO3_IO05	B9
Clk/PWM	115	GPIO15	TIOB1/PC7	TIOB1/PC7	TIOA4	TIOB0/PD6	PWM1/PC19	LCD_DATA01/PWM2_OUT	LCD_DATA01/PWM2_OUT	GPIO3_IO06	A9
BOOT	41	BOOT_OPTION1	BMS	BMS	BMS	BMS	BMS	GPIO3_IO10/LCD_DATA05	GPIO3_IO10/LCD_DATA05	GPIO3_IO10	B10
OPTIONS	74	BOOT_OPTION2	Flash Disable	Flash Disable	Flash Disable	Flash Disable	Serial Flash Enable	LCD_DATA06	LCD_DATA06	GPIO3_IO11	A10
CAN	96	CANTX	TXD2/PB8	TXD2/PB8	CANTX1/TXD1	CANTX1/PB15	TXD1/PA5	UART3_CTS_B/CAN1_TX	UART3_CTS_B/CAN1_TX	GPIO1_IO26	H15
	95	CANRX	RXD2/PB9	RXD2/PB9	CANRX1/RXD1	CANRX1/PB14	RXD1/PA6	UART3_RTS_B/CAN1_RX	UART3_RTS_B/CAN1_RX	GPIO1_IO27	G14
Audio	87	Audio SCLK	TK0/TCLK3/PB16	TK0/TCLK3/PB16	TCLK0/TK	TK1/PB2	TK/TCLK0/PA24	I2S2_BCLK/JTAG_TDI	I2S2_BCLK/JTAG_TDI	JTAG_TDI/I2S2_BCLK	GPIO1_IO13
	80	Audio LRCK/TF	TF0/TCLK4/PB17	TF0/TCLK4/PB17	TCLK1/TF	TF1/PB3	TF/TCLK1/PA25	I2S2_SYNC/JTAG_TDO	I2S2_SYNC/JTAG_TDO	JTAG_TDO/I2S2_SYNC	GPIO1_IO12
	125	Audio SDIN	TD0/TIOB4/PB18	TD0/TIOB4/PB18	TCLK2/TD	TD1/PB6	TD/TCLK2/PA26	JTAG_TRST/I2S2_TXD	JTAG_TRST/I2S2_TXD	JTAG_TRST/I2S2_TXD	GPIO1_IO15
	126	Audio SDOUT	RD0/TIOB5/PB19	RD0/TIOB5/PB19	TIOB0/RD	RD1/PB11	RD/TIOB0/PA27	I2S2_RXD/JTAG_TCK	I2S2_RXD/JTAG_TCK	JTAG_TCK/I2S2_RXD	GPIO4_IO14
	128	Audio RF	RF0/PB21	RF0/PB21	TIOB2/RF	RF1/PB10	RF/TIOB2/PA29	I2S2_MCLK/JTAG_TMS	I2S2_MCLK/JTAG_TMS	JTAG_TMS/I2S2_MCLK	GPIO1_IO11