

PIO muxing and jumper settings

PIOA	PERIPHERAL	FUNCTION
PA0	NAND Flash	WE
PA1	NAND Flash	ALE
PA2	NAND Flash	CLE
PA3	NAND Flash	D0
PA4	NAND Flash	D1
PA5	NAND Flash	D4
PA6	NAND Flash	D5
PA7	NAND Flash	D6
PA8	NAND Flash	D7
PA9	NAND Flash	D2
PA10	NAND Flash	D3
PA11	NAND Flash	RDY
PA12	NAND Flash	RE
PA13	NAND Flash	CS
PA14	MIKROBUS 2	SPI CS
PA15	MIKROBUS 1	SPI CS
PA16	MIKROBUS 1	SPI SCK
	MIKROBUS 2	SPI SCK
	RPi 40Pin	SPI SPCK
PA17	GMAC1 SODIMM	SPI SPCK
	MIKROBUS 1	MISO
	MIKROBUS 2	MISO
	RPi 40Pin	MISO
PA18	GMAC1 SODIMM	MISO
	MIKROBUS 1	MOSI
	MIKROBUS 2	MOSI
	RPi 40Pin	MOSI
PA19	GMAC1 SODIMM	MOSI
PA20	RPi 40Pin	NPCSO
PA21	RPi 40Pin	NPCS1
PA22	GMAC1 SODIMM	NPCS
PA23	RGB LED	BLUE
PA24	MIKROBUS 2	Interrupt
PA25	RPi 40Pin	RXD
PA26	RPi 40Pin	TXD
PA27	GMAC0	TXCTL
PA28	GMAC0	TX0
PA29	GMAC0	TX1
PA30	GMAC0	RXCTL
PA31	GMAC0	RX0
PA32	GMAC0	RX1
PA33	GMAC0	MDC

PIOB	PERIPHERAL	FUNCTION
PB0	GMAC0	MDIO
PB1	GMAC0	TXCK
PB2	GMAC0	RX2
PB3	GMAC0	RXCK
PB4	GMAC0	TX2
PB5	GMAC0	TX3
PB6	GMAC0	RX3
PB7	MIKROBUS 1	INT
PB8	QSPI Flash	IO3
PB9	QSPI Flash	IO2
PB10	QSPI Flash	IO1
PB11	QSPI Flash	IO0
PB12	QSPI Flash	CS
PB13	QSPI Flash	SCK
PB14	MIPI LCD	PWM
	LVDS LCD	PWM
	RGB LED	GREEN
PB15	MIKROBUS 1	PWM
	RPi 40Pin	PWM0
PB16	MIPI LCD	MAXTouch
PB17	LVDS LCD	Interrupt
	RGB LED	RED
	MIKROBUS 2	PWM
PB18	RPi 40Pin	PWM1
PB19	MIPI LCD	ENABLE
	LVDS LCD	ENABLE
	MCP16502	ENABLE
PB20	PAC1934	ENABLE
	EEPROM	ENABLE
	GMAC1	ENABLE
PB21	MCP16502	ENABLE
	PAC1934	ENABLE
	EEPROM	ENABLE
PB22	GMAC1	ENABLE
	MCP16502	ENABLE
	PAC1934	ENABLE
PB23	EEPROM	ENABLE
PB24	GMAC1	ENABLE
PB25	SDMMC1	NRST
PB26	SDMMC1	CMD
PB27	SDMMC1	CK
PB28	SDMMC1	DAT0
PB29	SDMMC1	DAT1
PB30	SDMMC1	DAT2
PB31	SDMMC1	DAT3
PB32	SDMMC1	WP
PB33	SDMMC1	CD
PB34	SDMMC1	1V8SEL
PB35	PAC1934	Interrupt
PB36	RPi 40Pin	GPCLK0
PB37	USBA	CC1

PIOC	PERIPHERAL	FUNCTION
PC0	RPI 40Pin	GPCLK2
	USBA	CC2
PC1	GMAC0	Interrupt
PC2	MCP16502	Interrupt
PC3	RPI 40Pin	GPIO17
PC4	RPI 40Pin	GPIO27
PC5	MIKROBUS 1	AN Input
PC6	LVDS LCD	TWCK
	MIPI LCD	
	MIKROBUS 1	
	MIKROBUS 2	
	RPI 40Pin	
PC7	M.2 WiFi	TWD
	LVDS LCD	
	MIPI LCD	
	MIKROBUS 1	
	MIKROBUS 2	
PC8	RPI 40Pin	VBUS DET
	M.2 WiFi	
	LVDS LCD	
	MIPI LCD	
	MIKROBUS 1	
PC9	MIKROBUS 1/2	NRST
PC10	MPU	USER BTN
PC11	RPI 40Pin	GPIO25
PC12	RPI 40Pin	GPIO24
PC13	MIKROBUS 2	AN Input
PC14	RPI 40Pin	I2S DINO
PC15	RPI 40Pin	I2S WS
PC16	RPI 40Pin	I2S CK
PC17	RPI 40Pin	I2S DOUT0
PC18	MPU USBB	OVCUR
	RPI 40Pin	GPIO16
PC19	MPU USBC	OVCUR
	RPI 40Pin	GPIO26
PC20	MPU USBB	VOUT EN
PC21	MPU USBC	VOUT EN
PC22	MPU JTAG	NTRST
PC23	MPU JTAG	TCK
PC24	MPU JTAG	TMS
PC25	MPU JTAG	TDI
PC26	MPU JTAG	TDO
PC27	M.2 SDMMC2	CMD
	M.2 WiFi	SPI MOSI
PC28	M.2 SDMMC2	CK
	M.2 WiFi	SPI MISO
PC29	M.2 SDMMC2	DAT0
	M.2 WiFi	SPI SCK
PC30	M.2 SDMMC2	DAT1
PC31	M.2 SDMMC2	DAT2