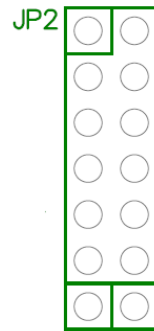
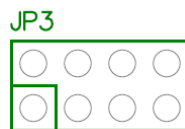


Jumper Orientation on EK-STM3210E



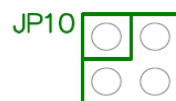
From top to down

JP2	SDIO	MSD_D1	PC9	SD Card Signal 1
		MSD_D0	PC8	SD Card Signal 0
		MSD_CLK	PC12	SD Card Clock
		MSD_CMD	PD2	SD Card Command
		MSD_D3	PC11	SD Card Signal 3
		MSD_D2	PC10	SD Card Signal 2
		MSD_PWR	PB5	SD Power Control



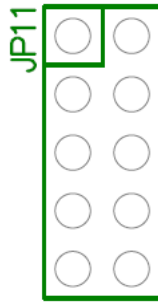
From left to right

JP3	USART	USART2_RX	PA3	USART2 Rx
		USART2_TX	PA2	USART2 Tx
		USART1_RX	PA10	USART1 Rx
		USART1_TX	PA9	USART1 Tx



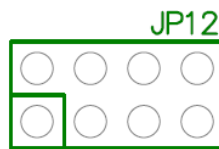
From top to down

JP10	SDIO_DT_WP	MSD_DET	PC2	MSD DET
		MSD_WP	PC3	MSD WP



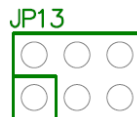
From top to down

JP11	JTAG	JTDO	PB3	Digital Output
		JTCK	PA14	Clock
		JTMS	PA13	Mode Selection
		JTDI	PA15	Digital Input
		NJTRST	PB4	Testing Reset



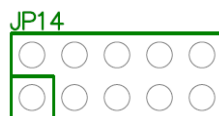
From left to right

JP12	LED	LED7	PF6	LED7
		LED6	PF7	LED6
		LED5	PF8	LED5
		LED4	PF9	LED4



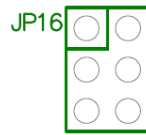
From left to right

JP13	KEY	Wakeup	PA0	KEY1
		Anti_Tamper	PC13	KEY2
		User_Button	PB10	KEY4



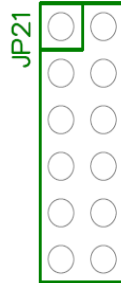
From left to right

JP14	JOYSTICK	JOY_SEL	PB11	SELECTION KEY
		JOY_RIGHT	PB12	RIGHT KEY
		JOY_LEFT	PB13	LEFT KEY
		JOY_UP	PB14	UP KEY
		JOY_DOWN	PB15	DOWN KEY



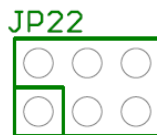
From top to down

JP16	CAN	CANSP		
		CAN_TX	PB9	CAN Tx
		CAN_RX	PB8	CAN Rx



From top to down

JP21	I2C, SPI	SPI_MOSI	PA7	SPI Data Out
		SPI_SCK	PA5	SPI Clock
		SPI_MISO	PA6	SPI Data In
		SPI_CS	PB2	SPI Chip Select
		I2C_SDA	PB7	I2C SDA
		I2C_SCK	PB6	I2C SCK



From left to right

JP22	ISP	RESET	nRST	MCU Reset Input
		UART1_TX	PA9	ISP Programmer Input
		UART1_RX	PA10	ISP Programmer Output