Table 1

port	signal	type	function block	pins
cmd	12	spi_miso, usart_rx,	(spi1_miso,)u sart1_rx,	(pb4,)pa10, pa15
	10 FN	tim_ch, gpio	tim2_ch1	
	12_EN 36	gpio spi_sck,	(spi1_sck,)ti	(pb3,)pa8
		usart_ck, tim_ch, gpio	m2_ch2, usart1_ck	
	36_EN 45	gpio	(spi1_mosi,)u	(pb5,)pa9
		spi_mosi, usart_tx, gpio	sart1_tx	(pub,)pas
	45_EN 78	gpio gpio		
	78_EN	gpio		
	LED_0 LED_1	gpio gpio		
		дріо		
fb0	12	spi_miso, usart_rx,	spi2_miso, usart3_rx,	pb14, pd9, pe9
	12_EN	tim_ch, gpio	tim1_ch1	
	36	spi_sck, usart_ck, tim_ch, gpio	spi2_sck, usart3_ck, tim1_ch2	pb13, pd10, pe11
	36_EN 45	gpio spi_mosi,	spi2_mosi,	pb15, pd8
	45_EN	usart_tx, gpio gpio	usart3_tx	
	SIN	adc		
	COS	adc		
	CUR LED_0	adc gpio		
	LED_1	gpio		
fb1	12	spi_miso,	spi3_miso,	pc11, pc7,
		usart_rx, tim_ch, gpio	usart6_rx, tim4_ch1	pd12
	12_EN	gpio spi_sck,	spi3_sck,	pc10, pc8,
		spi_sck, usart_ck, tim_ch, gpio	usart6_ck, tim4_ch2	pd13
	36_EN	gpio		
	45	spi_mosi, usart_tx, gpio	spi3_mosi, usart6_tx	pc12, pc6
	45_EN SIN	gpio adc		
	COS	adc		
	CUR	adc		
	LED_0 LED_1	gpio gpio		
uoh	Heb DD	nop 4-	uoh fe -l	na10
usb	USB_DP USB_DM	usb_dp usb_dm	usb_fs_dp usb_fs_dm	pa12 pa11
aud	CIVIDIO	oud:		na19
swd	SWDIO SWCLK	swdio swclk		pa13 pa14
:0-	:0- '	:0-	:0-2 '	mb40
i2s	i2s_ck i2s_ws	i2s_ck i2s_ws	i2s2_ck i2s2_ws	pb10 pb12
	i2s_di	i2s_di	i2s2_sd	рс3
	i2s_mc		tim9_ch2	pe6
hv uart	hv_tx	uart_tx	uart4_tx	pa0
	hv_rx	uart_rx	uart4_rx	pa1
crystal	osc_in			ph0
	osc_out			ph1
supply sense	24V	adc		
	12V	adc		
	5V	adc		
ain	AIN0	adc		
	AIN1	adc		
out	FAN	gpio		
	BRAKE OUT0	gpio gpio		
	OUT1	gpio		
io_can	can_tx	can_tx	can1_tx	pb9
	can_rx	can_rx	can1_rx	pb8
io_i2c	i2c_scl	i2c_scl	i2c1_scl	pb6
	i2c_sda	i2c_sda	i2c1_sda	pb7
io_usart	usart_rx	usart_rx	usart2_rx	pd6
	usart_tx	usart_tx	usart2_tx	pd5
	usart_ck	usart_ck	usart2_ck	pd7
io_spi	spi_miso	spi_miso	spi1_miso	pb4
	spi_mosi	spi_mosi	spi1_mosi	pb5
	spi_sck	spi_sck	spi1_sck	pb3