type	function	con	
power			
power			
input			
I/O	U0TXD, GPIO16, FSPICS0	GPIO_4	
I/O	U0RXD, GPIO17, FSPICS1	GPIO_5	
I/O	GPIO0, XTAL_32K_P, LP_GPIO0, LP_UART_DTRN, ADC1_CH0	ADC_0	
I/O	GPIO1, XTAL_32K_N, LP_GPIO1, LP_UART_DSRN, ADC1_CH1	ADC_1	
I/O	GPIO2, LP_GPIO2, LP_UART_RTSN, ADC1_CH2, FSPIQ	ADC_2	
I/O	GPIO3, LP_GPIO3, LP_UART_CTSN, ADC1_CH3	I_MON	
I/O	MTMS, GPIO4, LP_GPIO4, LP_UART_RXD, ADC1_CH4, FSPIHD	CLK	
I/O	MTDI, GPIO5, LP_GPIO5, LP_UART_TXD, ADC1_CH5, FSPIWP	LATCH_1	500mA out
I/O	MTCK, GPIO6, LP_GPIO6, LP_I2C_SDA, ADC1_CH6, FSPICLK	LATCH_2	7 segment
I/O	MTDO, GPIO7, LP_GPIO7, LP_I2C_SCL, FSPID	DATA	
I/O	GPIO8, chip boot mode	GPIO_1	
I/O	GPIO9, chip boot mode	GPIO_2	
I/O	GPIO10	CAN_RX	
I/O	GPIO11	CAN_TX	
I/O	GPIO12, USB_D	USB_C	
I/O	GPIO13, USB_D+	USB_C	
I/O	GPIO15	GPIO_3	
I/O	GPIO18, SDIO_CMD, FSPICS2	GPIO_6	
I/O	GPIO19, SDIO_CLK, FSPICS3	GPIO_7	
I/O	GPIO20, SDIO_DATA0, FSPICS4	GPIO_8	
I/O	GPIO21, SDIO_DATA1, FSPICS5	GPIO_9	
I/O	GPIO22, SDIO_DATA2	GPIO_10	
I/O	GPIO23, SDIO_DATA3	GPIO_11	
	power power input I/O	power input I/O U0TXD, GPI016, FSPICS0 I/O U0RXD, GPI017, FSPICS1 I/O GPI00, XTAL_32K_P, LP_GPI00, LP_UART_DTRN, ADC1_CH0 I/O GPI01, XTAL_32K_N, LP_GPI01, LP_UART_DSRN, ADC1_CH1 I/O GPI02, LP_GPI02, LP_UART_RTSN, ADC1_CH2, FSPIQ I/O GPI03, LP_GPI03, LP_UART_CTSN, ADC1_CH3 I/O MTMS, GPI04, LP_GPI04, LP_UART_RXD, ADC1_CH4, FSPIHD I/O MTDI, GPI05, LP_GPI05, LP_UART_TXD, ADC1_CH5, FSPIWP I/O MTCK, GPI06, LP_GPI06, LP_I2C_SDA, ADC1_CH6, FSPICLK I/O MTDO, GPI07, LP_GPI07, LP_I2C_SCL, FSPID I/O GPI08, chip boot mode I/O GPI09, chip boot mode I/O GPI010 I/O GPI011 I/O GPI013, USB_D I/O GPI015, SDIO_CMD, FSPICS2 I/O GPI019, SDIO_CLK, FSPICS4 I/O GPI021, SDIO_DATA1, FSPICS5 I/O GPI022, SDIO_DATA2	power powe