

SCM20100E Pinout

Pad	Name	Function			Pad	Name	Function			Pad	Name	Function						
1		Analog GND			22		ETH PHY LED SPEED			43	PA9	UART1 TX						
2		Analog 3.3V			23	PE2	QSPI IO2			44	PA10	UART1 RX						
3		VBAT			24	PD13	QSPI IO3			45		USBC N						
4					PE3	LDR			25	PD12	QSPI IO1			46		USBC P		
5						RESERVED			26	PD11	QSPI IO0			47	PC8	SMDDC1 D0	UART5 RTS	
6		RESET			27	PB6	QSPI NCS			48	PC9	SDMMC1 D1	UART5 CTS					
7	PA6	SPI6 MISO	PWM13.1	ADC12.3	28	PB2	QSPI CLK			49	PC10	SDMMC1 D2						
8	PA4	ADC12.18		DAC1	29	PD7	MOD			50	PC11	SDMMC1 D3						
9	PA5	SPI6 SCK	ADC12.19	DAC2	30	PE11	PWM1.2			51	PC12	SDMMC1 CK						
10	PA0	PWM5.1	ADC1.16	WKUP	31		GND			52	PD2	SDMMC1 CMD						
11	PA3	PMW2.4	ADC12.15		32		3.3V			53	PA13							
12	PE12	SPI4 SCK			33	PD3	UART2 CTS			54	PA14							
13	PE13	SPI4 MISO			34	PD4	UART2 RTS			55	PB7	PWM4.2	APP					
14	PE14	SPI4 MOSI			35	PD5	UART2 TX			56	PA15	UART4 RTS	PWM2.1					
15	PB0	UART4 CTS	PWM3.3	ADC12.9	36	PD6	UART2 RX			57	PB3	SPI3 SCK	PWM2.2					
16		GND			37	PD1	UART4 TX	CAN1 TX		58	PB4	SPI3 MISO						
17		ETH PHY RX-			38	PD0	UART4 RX	CAN1 RX		59	PB5	SPI3 MOSI						
18		ETH PHY RX +			39		USBH N			60	PB8	I2C1 SCL	PWM16.1					
19		ETH PHY TX-			40		USBH P			61	PB9	I2C1 SDA	PWM17.1					
20		ETH PHY TX+			41	PC6	UART6 TX	PWM3.1										
21		ETH PHY LED LINK			42	PC7	UART6 RX	PWM3.2										

