

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
6		RESET	27	PB6	QSPI NCS	48	PC9	SDMMC1 D1
7	PA6	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	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			