SC20100S Pinout

Pin	Name	Function	Pin	Name	Function	Pin	Name	Function	Pin	Name	Function
1	PE2	QSPI IO2	26	Vss	Vss	51	PB12	CAN2 RX / UART5 RX / ETH TXD0	76	PA14	
2	PE3	LDR	27	Vdd	Vdd	52	PB13	CAN2 TX / UART5 TX / ETH TXD1	77	PA15	UART4 RTS / PWM2.1
3	PE4		28	PA4	ADC12.18 / DAC1	53		USBH N	78	PC10	SDMMC1 D2 / UART3 TX
4	PE5	PWM15.1	29	PA5	SPI6 SCK / ADC12.19 / DAC2	54		USBH P	79	PC11	SDMMC1 D3 / UART3 RX
5	PE6	PWM15.2	30	PA6	SPI6 MISO / PWM13.1 / ADC12.3	55	PD8	UART3 TX	80	PC12	SDMMC1 CK
6	Vbat	Vbat	31	PA7	SPI6 MOSI / PWM14.1 / ADC12.7 / ETH DV	56	PD9	UART3 RX	81	PD0	CAN1 RX / UART4 RX
7	PC13	TAMPER	32	PC4	ETH RXD0	57	PD10		82	PD1	CAN1 TX / UART4 TX
8	PC14	OSC32 IN	33	PC5	ETH RXD1	58	PD11	QSPI IO0	83	PD2	SDMMC1 CMD
9	PC15	OSC32 OUT	34	PB0	UART4 CTS / PWM3.3 / ADC12.9	59	PD12	QSPI IO1	84	PD3	UART2 CTS
10	Vss	Vss	35	PB1	PWM3.4 / ADC12.5	60	PD13	QSPI IO3	85	PD4	UART2 RTS
11	Vdd	Vdd	36	PB2	QSPI CLK	61	PD14		86	PD5	UART2 TX
12	PH0	OSC IN	37	PE7	UART7 RX	62	PD15		87	PD6	UART2 RX
13	PH1	OSC OUT	38	PE8	UART7 TX	63	PC6	UART6 TX / PWM3.1	88	PD7	MOD
14	NRST	NRST	39	PE9	UART7 RTS	64	PC7	UART6 RX / PWM3.2	89	PB3	SPI3 SCK / PWM2.2
15	PC0	ADC123.10	40	PE10	UART7 CTS	65	PC8	SDMMC1 D0 / UART5 RTS	90	PB4	SPI3 MISO
16	PC1	ETH MDC	41	PE11	PWM1.2	66	PC9	SDMMC1 D1 / UART5 CTS	91	PB5	SPI3 MOSI
17	PC2_C	ADC3.0	42	PE12	SPI4 SCK	67	PA8		92	PB6	QSPI NCS
18	PC3_C	ADC3.1	43	PE13	SPI4 MISO	68	PA9	UART1 TX	93	PB7	PWM4.2 / APP
19	Vssa	Vssa	44	PE14	SPI4 MOSI	69	PA10	UART1 RX	94		RESERVED pull to GND
20	Vref+	Vref+	45	PE15		70		USBC N	95	PB8	I2C1 SCL / PWM16.1
21	Vdda	Vdda	46	PB10	I2C2 SCL / ETH RX ER	71		USBC P	96	PB9	I2C1 SDA / PWM17.1
22	PA0	PWM5.1 / ADC1.16 / WKUP	47	PB11	I2C2 SDA / ETH TX EN	72	PA13		97	PE0	UART8 RX
23	PA1	ETH REF CLK	48	Vcap	Vcap	73	Vcap	Vcap	98	PE1	UART8 TX
24	PA2	ETH MDIO	49	Vss	Vss	74	Vss	Vss	99	Vss	Vss
25	PA3	PWM2.4 / ADC12.15	50	Vdd	Vdd	75	Vdd	Vdd	100	Vdd	Vdd