SCM20260E Pinout

Pin	Name	Function		
1		3.3V	Analog 3.3V	Analog VREF+
2		GND	Analog GND	Analog VREF-
3	PB12	CAN2 RX	UART5 RX	
4	PB13	CAN2 TX	UART5 TX	
5	PA10	UART1 RX		
6	PA9	UART1 TX		
7	PB7	PWM4.2	APP	
8	PF9	UART7 CTS	PWM14.1	ADC3.2
9	PF7	UART7 TX	ADC3.3	
10	PF6	UART7 RX	ADC3.8	
10	PA5	ADC12.19	DAC2	(through 0 ohm)
11	PF8	UART7 RTS	PWM13.1	ADC3.7
12	PA4	DC HS	ADC12.18	DAC1
13	PG9	DC VS		
14	PH7	I2C3 SCL*		
15	PH8	I2C3 SDA*		
16	PH9	DC D0	PWM12.2	
17	PH12	DC D3	PWM5.3	
18	PE5	DC D6	PWM15.1	
19	PH10	DC D1		
20	PG10	DC D2		
21	PE4	DC D4		
22	PI4	DC D5		
23	PH13	CAN1 TX	UART4 TX	
24	PE6	DC D7	PWM15.2	
25	PH14	CAN1 RX	UART4 RX	
26	PA6	DC PIXCLK	PWM13.1	ADC12.3
27	PA8	DC XCLK		
28		VBAT		
29		USBH N		
30		USBH P		
31	PC2	ADC123.12		
32	PB0	UART4 CTS	PWM3.3	ADC12.9
33	PB1	PWM3.4	ADC12.5	
34		3.3V		
35	PA3	PWM2.4	ADC12.15	
36	PJ2	LCD R3		
37	PJ3	LCD R4		
38	PJ4	LCD R5		
39	PJ5	LCD R6		
40	PJ6	LCD R7		
41	PI15	LCD G2		
42	PJ12	LCD G3		
43	PH15	LCD G4		
44	PH4	LCD G5	ADC3.15	
45	PK1	LCD G6	PWM1.1	
46	PK2	LCD G7		
47	PJ15	LCD B3		
48	PK3	LCD B4		
49	PK4	LCD B5		
50	PK5	LCD B6		
51	PK6	LCD B7		
52	PI14	LCD CLK		
53	PK7	LCD DE		
54	PI12	LCD HSYNC		
55	PI13	LCD VSYNC		
56		GND		
57		3.3V		
58	PB10	I2C2 SCL*		
59	PB9	I2C1 SDA*	PWM17.1	
60	PB8	I2C1 SCL*	PWM16.1	
61		USBC N		
62		USBC P		
63		ETH PHY RX-		
64		ETH PHY RX +		
65		ETH PHY TX-		
66		ETH PHY TX+		
67	PI3	SPI2 MOSI		
68	PI2	SPI2 MISO	PWM8.4	
69	PB11	I2C2 SDA*		
70	PI1	SPI2 SCK		
71	PJ9	UART8 RX	PWM1.3	
72	PJ8	UART8 TX		
73	PE3	LDR		
74	PD4	UART2 RTS		
75	PD6	UART2 RX		
76	PC3	ADC12.13		
77	PD3	UART2 CTS		
78	PK0	SPI5 SCK		
79	PJ10	SPI5 MOSI		
80	PD5	UART2 TX		
81	PJ11	SPI5 MISO	PWM1.2	
82	PC11	SDMMC1 D3	UART3 RX	
83	PC10	SDMMC1 D2	UART3 TX	
84	PC9	SDMMC1 D1	UART5 CTS	
85	PC12	SDMMC1 CK		
86	PC8	SDMMC1 D0	UART5 RTS	
87	PD2	SDMMC1 CMD		
88	PH11	PWM5.2		
89		GND		
90		RESET		
91		GND		
92		ETH PHY LED LINK		
93		ETH PHY LED SPEED		
94	PC6	UART6 TX	PWM3.1	
95	PC7	UART6 RX	PWM3.2	
96	PB3	SPI3 SCK	PWM2.2	
97	PA15	UART4 RTS	PWM2.1	
98	PB5	SPI3 MOSI		
99		BOOT0		
100	PB4	SPI3 MISO		
101	PH6	PWM12.1		
102	PC0	ADC123.10		
103	PF10	ADC3.6		
104	PD7	MOD		
105	PA0	PWM5.1	ADC1.16	WKUP

*Open drain requiring a 2.2K pull-up resistor