SCM20260D Pinout

Pin	Name	Function	Pin	Name	Function	Pin	Name	Function	Pin	Name	Function
1		Analog GND	51		GND	101	PH11	PWM5.2	151		GND
2		ETH PHY TX-	52		NC	102	PD5	UART2 TX	152	PJ15	LCD B3
3		NC	53		NC	103	PD6	UART2 RX	153	PK3	LCD B4
4		ETH PHY TX+	54		NC	104	PF10	ADC3.6	154	PK4	LCD B5
5		Analog VREF-	55		NC	105	PI0	PWM5.4	155	PK5	LCD B6
6		ETH PHY RX-	56		NC	106		3.3V	156	PK6	LCD B7
7		NC	57	PJ10	SPI5 MOSI	107	PB4	SPI3 MISO	157	PC2	ADC123.12
8		ETH PHY RX+	58	PK0	SPI5 SCK	108	PB5	SPI3 MOSI	158	PC3	ADC12.13
9		NC	59	PJ11	SPI5 MISO/PWM1.2	109	PB3	SPI3 SCK/PWM2.2	159	PA3	PWM2.4/ADC12.15
10		ETH PHY LED SPEED	60		3.3V	110	PC0	ADC123.10	160		3.3V
11		ETH PHY LED LINK	61	PF6	UART7 RX/ADC3.8	111	PB7	PWM4.2/APP	161	PI15	LCD G2
12		NC	62	PF7	UART7 TX/ADC3.3	112	PI5	PWM8.1	162	PJ12	LCD G3
13		GND	63	PF8	UART7 RTS/PWM13.1/ADC3.7	113		GND	163	PH15	LCD G4
14	PH9	DC D0/SPI12.2	64	PF9	UART7 CTS/PWM14.1/ADC3.2	114	PB1	PWM3.4/ADC12.5	164	PH4	LCD G5/ADC3.15
15	PH10	DC D1	65		GND	115*	PB9	I2C1 SDA/PWM17.1	165	PK1	LCD G6/PWM1.1
16	PG10	DC D2	66*	PB10	I2C2 SCL	116*	PB8	I2C1 SCL/PWM16.1	166	PG7	
17	PH12	DC D3/PWM5.3	67*	PB11	I2CS SDA	117	PB12	CAN2 RX/UART5 RX	167	PJ9	UART8 RX/PWM1.3
18	PE4	DC D4	68	PA9	UART1 TX	118	PB13	CAN2 TX/UART5 TX	168	PJ6	LCD R7
19	PI4	DC D5	69	PA10	UART1 RX	119	PA5	ADC12.19/DAC2	169		GND
20		Analog 3.3V	70		NC	120	PD4	UART2 RTS	170	PK2	LCD G7
21	PE5	DC D6/PWM15.1	71		NC	121	PD3	UART2 CTS	171	PJ2	LCD R3
22	PE6	DC D7/PWM15.2	72		3.3V	122	PI9		172	PJ3	LCD R4
23	PG9	DC VS	73		NC	123	PC8	SDMMC1 D0/UART5 RTS	173	PJ4	LCD R5
24	PA4	DC HS/ADC12.18/DAC1	74		NC	124		3.3V	174	PJ5	LCD R6
25	PA6	DC PIXCLK/SPI13.1/ADC12.3	75		NC	125	PD2	SDMMC1 CMD	175	PI1	SPI2 SCK
26	PA8	DC XCLK	76		NC	126	PC12	SDMC1 CK	176	PI2	SPI2 MOSI/PWM8.4
27		GND	77		NC	127	PC9	SDMMC1 D1/UART5 CTS	177		NC
28		NC	78		NC	128	PC10	SDMMC1 D2/UART3 TX	178	PI3	SPI2 MOSI
29		NC	79		GND	129	PC11	SDMMC1 D3/USART3 RX	179		NC
30		NC	80		NC	130	PI7	PWM8.3	180		3.3V
31		NC	81		NC	131		GND	181		NC
32		Analog VREF+	82		NC	132	PC13	TAMPER	182		NC
33		NC	83		NC	133	PI6	PWM8.2	183		VBAT
34		NC	84		NC	134	PE3	LDR	184		NC
35		PDR ON	85		NC	135	PD7	MOD	185		GND
36	PA0 C	ADC12.0	86		NC	136	PI11		186		GND
37	PA1 C	ADC12.1	87		NC	137	PI8		187		RESET
38	PC2 C	ADC3.0	88		3.3V	138	PJ13		188		USBH P
39	PC3 C	ADC3.1	89		NC	139	PG12		189		NC
40		GND	90		NC	140	PC6	UART6 TX/PWM3.1	190		USBH N
41		GND	91	PB0	UART4 CTS/PWM3.3/ADC12.9	141	PC7	UART6 RX/PWM3.2	191		BOOT0
42		NC	92	PG6		142		3.3V	192		3.3V
43		NC	93*	PH7	I2C3 SCL	143	PI13	LCD VS	193		NC
44		NC	94*	PH8	I2C3 SDA	144	PI12	LCD HS	194		USBC P
45		NC	95		GND	145	PI14	LCD CLK	195		NC
46		3.3V	96	PA15	UART4 RTS/PWM2.1	146	PK7	LCD DE	196		USBC N
47		NC	97	PA0	PWM5.1/ADC1.16/WKUP	147	PJ0		197	PA14	JTCK/SWCLK
48		NC	98	PH13	CAN1 TX/UART4 TX	148	PJ1		198		GND
49		NC	99	PH14	CAN1 RX UART4 RX	149	PJ7		199	PA13	JTMS/SWDIO
50		NC	100	PH6	PWM12.1	150	PJ14		200	PJ8	UART8 TX

*Open drain requiring a 2.2K pull-up resistor