

SCM20260E/G120E Pinout Map

SCM20260E Pin	G120E Pin	SC20260	G120E
1	1	Analog 3.3V/Analog VREF+/3.3V	3.3V
2	2	Analog GND/Analog VREF-/GND	GND
3	3	PB12/OTG HS ULPI D5/FDCAN2 RX/UART5 RX	P0.4/CAN2 RD
4	4	PB13/OTG HS ULPI D6/FDCAN2 TX/UART5 TX	P0.5/CAN2 TD
5	5	PA10/USART1 RX	P0.3/COM1 RX
6	6	PA9/USART1 TX	P0.2/COM1 TX
7	7	PB7/TIM4 CH2/APP	P0.22/LDR1
8	8	PF9/UART7 CTS/TIM14 CH1/ADC3 INP2	P0.24/TOUCH YU/ADC1
9	9	PF7/UART7 TX/ADC3 INP3	P0.25/COM4 TX/ADC2
10	10	PF6/UART7 RX/ADC3 INP8 + PA5/OTG HS ULPI CK/ADC12 INP19/DAC2 through 0 ohm	P0.26/COM4 RX/ADC3/DACO
11	11	PF8/UART7 RTS/TIM13 CH1/ADC3 INP7	P0.23/TOUCH XL/ADCO
12	12	PA4/DCMI HSYNC/ADC12 INP18/DAC1	P4.29
13	13	PG9/DCMI VSYNC	P4.28
14	14	PH7/I2C3 SCL	P0.28/I2C SCL
15	15	PH8/I2C3 SDA	P0.27/I2C SDA
16	16	PH9/DCMI D0/TIM12 CH2	P3.16/PWM0
17	17	PH12/DCMI D3/TIM5 CH3	P3.24/PWM6
18	18	PE5/DCMI D6/TIM15 CH1	P3.25/PWM7
19	19	PH10/DCMI D1	P1.19
20	20	PG10/DCMI D2	P2.21
21	21	PE4/DCMI D4	P2.25
22	22	PI4/DCMI D5	P2.22
23	23	PH13/FDCAN1 TX/UART4 TX	P0.1/CAN1 TD
24	24	PE6/DCMI D7/TIM15 CH2	P2.26
25	25	PH14/FDCAN1 RX/UART4 RX	P0.0/CAN1 RD
26	26	PA6/DCMI PIXCLK/TIM13 CH1/ADC12 INP3	P1.30/ADC4
27	27	PA8/DCMI XCLK	P2.27
28	28	VBAT	VBAT
29	29	USBH N	USBH D-
30	30	USBH P	USBH D+
31	31	PC2/OTG HS ULPI DIR/ADC123 INP12	P0.12/ADC6
32	32	PB0/UART4 CTS/OTG HS ULPI D1/TIM3 CH3/ADC12 INP9	P0.13/ADC7
33	33	PB1/OTG HS ULPI D2/TIM3 CH4/ADC12 INP5	P1.31/ADC5
34	34	3.3V	3.3V
35	35	PA3/OTG HS ULPI D0/TIM2 CH4/ADC12 INP15	P3.27/PWM9
56	36	GND	GND
57	37	3.3V	3.3V
58	38	PB10/OTG HS ULPI D3/I2C2 SCL	P3.30
59	39	PB9/I2C1 SDA/TIM17 CH1	P3.26/PWM8
60	40	PB8/I2C1 SCL/TIM16 CH1	P3.17/PWM1
61	41	USBC N	USBC D-
62	42	USBC P	USBC D+
63	43	ETH PHY RX-	ETH PHY RD-
64	44	ETH PHY RX+	ETH PHY RD+
65	45	ETH PHY TX-	ETH PHY TD-
66	46	ETH PHY TX+	ETH PHY TD+
67	47	PI3/SPI2 MOSI	P0.18/SPI1 MOSI
68	48	PI2/SPI2 MISO/TIM8 CH4	P0.17/SPI1 MISO
69	49	PB11/OTG HS ULPI D4/I2C2 SDA	P2.30
70	50	PI1/SPI2 SCK	P0.15/SPI1 SCK
71	51	PJ9/UART8 RX/TIM1 CH3	P0.11/COM3 RX
72	52	PJ8/UART8 TX	P0.10/COM3 TX
73	53	PE3/LDR	P2.10/LDRO
74	54	PD4/USART2 RTS	P0.6/COM2 RTS
75	55	PD6/USART2 RX	P0.16/COM2 RX
76	56	PC3/OTG HS ULPI NXT/ADC12 INP13	P2.31
77	57	PD3/USART2 CTS	P3.18/COM2 CTS/PWM2
78	58	PK0/SPI5 SCK	SPI2 SCK
79	59	PJ10/SPI5 MOSI	SPI2 MOSI
80	60	PD5/USART2 TX	P2.0/COM2 TX
81	61	PJ11/SPI5 MISO/TIM1 CH2	SPI2 MISO
82	62	PC11/SDMMC1 D3/USART3 RX	P1.12/SD D3
83	63	PC10/SDMMC1 D2/USART3 TX	P1.11/SD D2
84	64	PC9/SDMMC1 D1/UART5 CTS	P1.7/SD D1
85	65	PC12/SDMMC1 CK	P1.2/SD CLK
86	66	PC8/SDMMC1 D0/UART5 RTS	P1.6/SD D0
87	67	PD2/SDMMC1 CMD	P1.3/SD CMD
88	68	PC13/TAMPER	SD PWR
89	69	GND	GND
90	70	RESET	RESET
105	J1	PA0/TIM5 CH1/ADC1 INP16/WKUP	P3.22
104	J2	PD7/MOD	P2.1/MODE
103	J3	PF10/ADC3 INP6	P2.23/TOUCH XR
102	J4	PC0/OTG HS ULPI STP/ADC123 INP10	P3.31/TOUCH YD
101	J5	PH6/TIM12 CH1	P3.29/PWM11
100	J6	PB4/SPI3 MISO/I2S3 SDI	P4.31
99	J7	BOOT0	HIDDEN JTAG PIN
98	J8	PB5/SPI3 MOSI/I2S3 SDO/OTG HS ULPI D7	HIDDEN JTAG PIN
97	J9	PA15/UART4 RTS/I2S3 WS/TIM2 CH1	P3.19/PWM3
96	J10	PB3/SPI3 SCK/I2S3 SCK/TIM2 CH2	P3.20/PWM4
95	J11	PC7/USART6 RX/I2S3 MCK/TIM3 CH2	P3.21/PWM5

94	J12	PC6/USART6 TX/TIM3 CH1	P3.28/PWM10
93	J13	ETH PHY LED SPEED	ETH PHY SPEED
92	J14	ETH PHY LED LINK	ETH PHY LINK
91	J15	GND	GND
36	T1	PJ2/LCD R3	P2.12/LCD R0
37	T2	PJ3/LCD R4	P2.6/LCD R1
38	T3	PJ4/LCD R5	P2.7/LCD R2
39	T4	PJ5/LCD R6	P2.8/LCD R3
40	T5	PJ6/LCD R7	P2.9/LCD R4/COM5 RX
41	T6	PI15/LCD G2	P1.20/LCD G0
42	T7	PJ12/LCD G3	P1.21/LCD G1
43	T8	PH15/LCD G4	P1.22/LCD G2
44	T9	PH4/LCD G5/ADC3 INP15	P1.23/LCD G3
45	T10	PK1/LCD G6/TIM1 CH1	P1.24/LCD G4
46	T11	PK2/LCD G7	P1.25/LCD G5
47	T12	PJ15/LCD B3	P2.13/LCD B0
48	T13	PK3/LCD B4	P1.26/LCD B1
49	T14	PK4/LCD B5	P1.27/LCD B2
50	T15	PK5/LCD B6	P1.28/LCD B3
51	T16	PK6/LCD B7	P1.29/LCD B4/COM5 TX
52	T17	PI14/LCD CLK	P2.2/LCD CLK
53	T18	PK7/LCD DE	P2.4/LCD OE
54	T19	PI12/LCD HSYNC	P2.5/LCD HS
55	T20	PI13/LCD VSYNC	P2.3/LCD VS