SCM20260N/G120 Pinout Map

SoM Pin	SC20260N	G120
1	Analog GND/Analog VREF-/GND	GND
2	Analog 3.3V/Analog VREF+/3.3V	3.3V
3	PK7/LCD DE	P2.4/PWM10/LCD OE
4	PJ5/LCD R6	P2.8/LCD R3
5	PH14/FDCAN1 RX/UART4 RX	P0.0/CAN1 RD
6	PC6/USART6 TX/TIM3 CH1	P0.10/COM3 TX
7	PC13/WKUP2/TAMPER	P2.11
8	PE3/LDR	P2.10/LDR0
9	PC7/USART6 RX/I2S3 MCK/TIM3 CH2	P0.11/COM3 RX
10	PH13/FDCAN1 TX/UART4 TX	P0.1/CAN1 TD
11	PI3/SPI2 MOSI	P0.18/SPI1 MOSI
12	PD6/USART2 RX	P0.16/COM2 RX
13	PI1/SPI2 SCK	P0.15/SPI1 SCK
14	PB7/TIM4 CH2/APP	P0.22/LDR1
15	PI2/SPI2 MISO/TIM8 CH4 +PD3/USART2 CTS through 0 ohm	P0.17/COM2 CTS/SPI1 MISO
16	PD7/MOD	P2.1/MODE
17	PD4/USART2 RTS	P0.6/COM2 RTS
18	PD5/USART2 TX	P2.0/COM2 TX
19	PB3/SPI3 SCK/I2S3 SCK/TIM2 CH2	SPI2 SCK
20	PB4/SPI3 MISO/I2S3 SDI	SPI2 MISO
21	PB5/SPI3 MOSI/I2S3 SDO/OTG HS ULPI D7	SPI2 MOSI
22	PC11/SDMMC1 D3/USART3 RX	P1.12/SD D3
23	PC10/SDMMC1 D2/USART3 TX	P1.11/PMW5/SD D2
24	PC9/SDMMC1 D1/UART5 CTS	P1.7/PWM4/SD D1
25	PC12/SDMMC1 CK	P1.2/PWM0/SD CLK
26	PC8/SDMMC1 D0/UART5 RTS	P1.6/PWM3/SD D0
27	GND	GND
28	PD2/SDMMC1 CMD	P1.3/PWM1/SD CMD
29	PB13/OTG HS ULPI D6/FDCAN2 TX/UART5 TX	P0.5/CAN2 TD
30	PB12/OTG HS ULPI D5/FDCAN2 RX/UART5 RX	P0.4/CAN2 RD
31	PF7/UART7 TX/ADC3 INP3	P4.28/COM4 TX
32	PF6/UART7 RX/ADC3 INP8	P4.29/COM4 RX
33	PH9/DCMI D0/TIM12 CH2	P1.14
34	PH10/DCMI D1	P1.17
35	PG10/DCMI D2	P1.16
36	PH12/DCMI D3/TIM5 CH3	P1.15
37	PE4/DCMI D4	P1.9
38	PI4/DCMI D5	P1.10
39	PJ11/SPI5 MISO/TIM1 CH2	P1.4/SPI3 MISO
40	PE5/DCMI D6/TIM15 CH1	P1.8
41	PJ10/SPI5 MOSI	P1.1/SPI3 MOSI/TOUCH XR
42	PK0/SPI5 SCK	P1.0/SPI3 SCK/TOUCH YD
43	PE6/DCMI D7/TIM15 CH2	HIDDEN JTAG PIN
44	BOOT0	HIDDEN JTAG PIN
45	GND	GND
46	3.3V	3.3V
47	PJ9/UART8 RX/TIM1 CH3	P0.3/COM1 RX

48	PJ8/UART8 TX	P0.2/COM1 TX
49	PA5/OTG HS ULPI CK/ADC12 INP19/DAC2	P0.26/ADC3/DAC0
50	PC0/OTG HS ULPI STP/ADC123 INP10	P0.24/ADC1/TOUCH YU
51	PF8/UART7 RTS/TIM13 CH1/ADC3 INP7	P0.25/ADC2
52	PF10/ADC3 INP6	P0.23/ADC0/TOUCH XL
53	RESET	RESET
54	PA15/UART4 RTS/I2S3 WS/TIM2 CH1	P3.26/PWM8
55	PA4/DCMI HSYNC/ADC12 INP18/DAC1	P0.13/ADC7
56	PA6/DCMI PIXCLK/TIM13 CH1/ADC12 INP3	P0.12/ADC6
57	PG9/DCMI VSYNC	RTC CRYSTAL 1
58	PA8/DCMI XCLK	RTC CRYSTAL 2
59	PC3/OTG HS ULPI NXT/ADC12 INP13	P1.30/ADC4
60	VBAT	VBAT
61	PB8/I2C1 SCL/TIM16 CH1	P0.28/I2C SCL
62	PF9/UART7 CTS/TIM14 CH1/ADC3 INP2	P1.31/ADC5
63	PB9/I2C1 SDA/TIM17 CH1	P0.27/I2C SDA
64	PB0/UART4 CTS/OTG HS ULPI D1/TIM3 CH3/ADC12 INP9	P3.25/PWM7
65	PB1/OTG HS ULPI D2/TIM3 CH4/ADC12 INP5	P3.24/PWM6
66	USBC P	USBC D+
67	USBC N	USBC D-
68	USBH N	USBH D-
69	USBH P	USBH D+
70	PC2/OTG HS ULPI DIR/ADC123 INP12	P2.21
71	PH15/LCD G4	P1.22/LCD G2
72	PJ12/LCD G3	P1.21/LCD G1
73	PA0/TIM5 CH1/ADC1 INP16/WKUP	P1.19
74	PH4/LCD G5/ADC3 INP15	P1.23/LCD G3
75	PK1/LCD G6/TIM1 CH1	P1.24/LCD G4
76	PI15/LCD G2	P1.20/LCD G0
77	PK2/LCD G7	P1.25/LCD G5
78	PK3/LCD B4	P1.26/LCD B1
79	PK5/LCD B6	P1.28/LCD B3
80	PK6/LCD B7	P1.29/LCD B4/COM5 TX
81	GND	GND
82	PK4/LCD B5	P1.27/LCD B2
83	PJ15/LCD B3	P2.13/LCD B0
84	PJ2/LCD R3	P2.212/LCD R0
85	PI12/LCD HSYNC	P2.5/LCD HS/PWM11
86	PI14/LCD CLK	P2.2/LCD CLK
87	PJ4/LCD R5	P2.7/LCD R2
88	PJ6/LCD R7	P2.9/LCD R4/COM5 RX
89	PJ3/LCD R4	P2.6/LCD R1
90	PI13/LCD VSYNC	P2.3/LCD VS/PWM9
91	PA3/OTG HS ULPI D0/TIM2 CH4/ADC12 INP15	P1.5/PWM2