

# SCM20260D/G400D Pinout Map

SO-DIMM Pin	SCM20260D	G400D
1	Analog GND	GND
2	ETH PHY TX-	ETH PHY TX-
3	NC	
4	ETH PHY TX+	ETH PHY TX+
5	Analog VREF-	GND
6	ETH PHY RX-	ETH PHY RX-
7	NC	
8	ETH PHY RX+	ETH PHY RX+
9	NC	
10	ETH PHY LED SPEED	ETH PHY LED SPEED
11	ETH PHY LED LINK	ETH PHY LED LINK
12	NC	
13	GND	GND
14	PH9/DCMI D0/TIM12 CH2	
15	PH10/DCMI D1	
16	PG10/DCMI D2	
17	PH12/DCMI D3/TIM5 CH3	
18	PE4/DCMI D4	
19	PI4/DCMI D5	
20	Analog 3.3V	3.3V
21	PE5/DCMI D6/TIM15 CH1	
22	PE6/DCMI D7/TIM15 CH2	
23	PG9/DCMI VSYNC	
24	PA4/DCMI HSYNC/ADC12 INP18/DAC1	
25	PA6/DCMI PIXCLK/TIM13 CH1/ADC12 INP3	
26	PA8/DCMI XCLK	
27	GND	GND
28	NC	
29	NC	
30	NC	
31	NC	
32	Analog VREF+	3.3V
33	NC	
34	NC	
35	PDR ON	
36	PA0 C/ADC12 INP0	
37	PA1 C/ADC12 INP1	
38	PC2 C/ADC3 INP0	
39	PC3 C/ADC3 INP1	
40	GND	GND
41	GND	GND
42	NC	
43	NC	
44	NC	

45	NC	
46	3.3V	3.3V
47	NC	
48	NC	
49	NC	
50	NC	
51	GND	GND
52	NC	PB1
53	NC	
54	NC	
55	NC	
56	NC	
57	PJ10/SPI5 MOSI	PD18
58	PK0/SPI5 SCK	PD17
59	PJ11/SPI5 MISO/TIM1 CH2	PD16
60	3.3V	3.3V
61	PF6/UART7 RX/ADC3 INP8	PD15
62	PF7/UART7 TX/ADC3 INP3	PD14
63	PF8/UART7 RTS/TIM13 CH1/ADC3 INP7	PD13
64	PF9/UART7 CTS/TIM14 CH1/ADC3 INP2	PD12
65	GND	GND
66	PB10/OTG HS ULPI D3/I2C2 SCL	PD11
67	PB11/OTG HS ULPI D4/I2C2 SDA	PD10
68	PA9/USART1 TX	PD9
69	PA10/USART1 RX	PD8
70	NC	
71	NC	
72	3.3V	3.3V
73	NC	
74	NC	
75	NC	
76	NC	
77	NC	
78	NC	
79	GND	GND
80	NC	
81	NC	
82	NC	
83	NC	
84	NC	
85	NC	
86	NC	
87	NC	
88	3.3V	3.3V
89	NC	
90	NC	
91	PB0/UART4 CTS/OTG HS ULPI D1/TIM3 CH3/ADC12 INP9	PB8, ADC9

92	PG6	PD2
93	PH7/I2C3 SCL	PC23
94	PH8/I2C3 SDA	PDO
95	GND	GND
96	PA15/UART4 RTS/I2S3 WS/TIM2 CH1	PB18
97	PA0/TIM5 CH1/ADC1 INP16/WKUP	PB11, ADC0
98	PH13/FDCAN1 TX/UART4 TX	PA5, UART3 TX, CAN2 TX
99	PH14/FDCAN1 RX/UART4 RX	PA6, UART3 RX, CAN2 RX
100	PH6/TIM12 CH1	PC22
101	PH11/TIM5 CH2	PC31
102	PD5/USART2 TX	PA0, UART2 TX
103	PD6/USART2 RX	PA1, UART2 RX
104	PF10/ADC3 INP6	PB12, ADC1
105	PI0/TIM5 CH4	PC18, PWM0
106	3.3V	3.3V
107	PB4/SPI3 MISO/I2S3 SDI	SPI1 MISO
108	PB5/SPI3 MOSI/I2S3 SDO/OTG HS ULPI D7	SPI1 MOSI
109	PB3/SPI3 SCK/I2S3 SCK/TIM2 CH2	SPI1 SCK
110	PC0/OTG HS ULPI STP/ADC123 INP10	PB17, ADC6
111	PB7/TIM4 CH2/APP	PA4, LDR1
112	PI5/TIM8 CH1	PC19, PWM1
113	GND	GND
114	PB1/OTG HS ULPI D2/TIM3 CH4/ADC12 INP5	PB16, ADC5
115	PB9/I2C1 SDA/TIM17 CH1	PA30, I2C SDA
116	PB8/I2C1 SCL/TIM16 CH1	PA31, I2C SCL
117	PB12/OTG HS ULPI D5/FDCAN2 RX/UART5 RX	PA9, UART1 RX, CAN1 RX
118	PB13/OTG HS ULPI D6/FDCAN2 TX/UART5 TX	PA10, UART1 TX, CAN1 TX
119	PA5/OTG HS ULPI CK/ADC12 INP19/DAC2	PC24
120	PD4/USART2 RTS	PA2, UART2 RTS
121	PD3/USART2 CTS	PA3, UART2 CTS
122	PI9	PD7
123	PC8/SDMMC1 D0/UART5 RTS	PA15, SD D0
124	3.3V	3.3V
125	PD2/SDMMC1 CMD	PA16, SD CMD
126	PC12/SDMMC1 CK	PA17, SD CLK
127	PC9/SDMMC1 D1/UART5 CTS	PA18, SD D1
128	PC10/SDMMC1 D2/USART3 TX	PA19, SD D2
129	PC11/SDMMC1 D3/USART3 RX	PA20, SD D3
130	PI7/TIM8 CH3	PC21, PWM3
131	GND	GND
132	PC13/TAMPER	PC26
133	PI6/TIM8 CH2	PC20, PWM2
134	PE3/LDR	PA24, LDR0
135	PD7/MOD	PA25, MODE
136	PI11	PA26
137	PI8	PA27
138	PJ13	PA28

139	PG12	PA29
140	PC6/USART6 TX/TIM3 CH1	PC16, UART6 TX
141	PC7/USART6 RX/I2S3 MCK/TIM3 CH2	PC17, UART6 RX
142	3.3V	3.3V
143	PI13/LCD VSYNC	PC27, LCD VSYNC
144	PI12/LCD HSYNC	PC28, LCD HSYNC
145	PI14/LCD CLK	PC30, LCD CLK
146	PK7/LCD DE	PC29, LCD DE
147	PJ0	PD3
148	PJ1	PD4
149	PJ7	PD5
150	PJ14	PD6
151	GND	GND
152	PJ15/LCD B3	PC0, LCD B3
153	PK3/LCD B4	PC1, LCD B4
154	PK4/LCD B5	PC2, LCD B5
155	PK5/LCD B6	PC3, LCD B6
156	PK6/LCD B7	PC4, LCD B7
157	PC2/ADC123 INP12	PB13, ADC2
158	PC3/ADC12 INP13	PB14, ADC3
159	PA3/OTG HS ULPI D0/TIM2 CH4/ADC12 INP15	PB15, ADC4
160	3.3V	3.3V
161	PI15/LCD G2	PC5, LCD G2
162	PJ12/LCD G3	PC6, LCD G3
163	PH15/LCD G4	PC7, LCD G4
164	PH4/LCD G5/ADC3 INP15	PC8, LCD G5, UART5 TX
165	PK1/LCD G6/TIM1 CH1	PC9, LCD G6, UART5 RX
166	PG7	PD1
167	PJ9/UART8 RX/TIM1 CH3	PA8, UART4 RX
168	PJ6/LCD R7	PC15, LCD R7
169	GND	GND
170	PK2/LCD G7	PC10, LCD G7
171	PJ2/LCD R3	PC11, LCD R3
172	PJ3/LCD R4	PC12, LCD R4
173	PJ4/LCD R5	PC13, LCD R5
174	PJ5/LCD R6	PC14, LCD R6
175	PI1/SPI2 SCK	PA23, SPI2 SCK
176	PI2/SPI2 MISO/TIM8 CH4	PA21, SPI2 MISO
177	NC	
178	PI3/SPI2 MOSI	PA22, SPI2 MOSI
179	NC	
180	3.3V	3.3V
181	NC	
182	NC	USB H2+
183	VBAT	VBAT
184	NC	USB H2-
185	GND	GND

186	GND	GND
187	RESET	RESET
188	USBH P	USB H1+
189	NC	RTCK
190	USBH N	USB H1-
191	BOOT0	TDO
192	3.3V	3.3V
193	NC	NTRST
194	USBC P	USB D+
195	NC	TDI
196	USBC N	USB D-
197	PA14/JTCK/SWCLK	TCK
198	GND	GND
199	PA13/JTMS/SWDIO	TMS
200	PJ8/UART8 TX	PA7, UART4 TX