

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 | 109 | PB3 | SPI3 SCK | 159 | PA3 | PWM2.4 |
| 10 | | ETH PHY LED SPEED | 60 | | 3.3V | 110 | PC0 | ADC123.10 | 160 | | 3.3V |
| 11 | | ETH PHY LED LINK | 61 | PF6 | UART7 RX | 111 | PB7 | PWM4.2 | 161 | PI15 | LCD G2 |
| 12 | | NC | 62 | PF7 | UART7 TX | 112 | PI5 | PWM8.1 | 162 | PJ12 | LCD G3 |
| 13 | | GND | 63 | PF8 | UART7 RTS | 113 | | GND | 163 | PH15 | LCD G4 |
| 14 | PH9 | DC D0 | 64 | PF9 | UART7 CTS | 114 | PB1 | PWM3.4 | 164 | PH4 | LCD G5 |
| 15 | PH10 | DC D1 | 65 | | GND | 115 | PB9 | I2C1 SDA* | 165 | PK1 | LCD G6 |
| 16 | PG10 | DC D2 | 66 | PB10 | I2C2 SCL* | 116 | PB8 | I2C1 SCL* | 166 | PG7 | |
| 17 | PH12 | DC D3 | 67 | PB11 | I2CS SDA* | 117 | PB12 | CAN2 RX | 167 | PJ9 | UART8 RX |
| 18 | PE4 | DC D4 | 68 | PA9 | UART1 TX | 118 | PB13 | CAN2 TX | 168 | PJ6 | LCD R7 |
| 19 | PI4 | DC D5 | 69 | PA10 | UART1 RX | 119 | PA5 | ADC12.19 | 169 | | GND |
| 20 | | Analog 3.3V | 70 | | NC | 120 | PD4 | UART2 RTS | 170 | PK2 | LCD G7 |
| 21 | PE5 | DC D6 | 71 | | NC | 121 | PD3 | UART2 CTS | 171 | PJ2 | LCD R3 |
| 22 | PE6 | DC D7 | 72 | | 3.3V | 122 | PI9 | | 172 | PJ3 | LCD R4 |
| 23 | PG9 | DC VS | 73 | | NC | 123 | PC8 | SDMMC1 D0 | 173 | PJ4 | LCD R5 |
| 24 | PA4 | DC HS | 74 | | NC | 124 | | 3.3V | 174 | PJ5 | LCD R6 |
| 25 | PA6 | DC PIXCLK | 75 | | NC | 125 | PD2 | SDMMC1 CMD | 175 | PI1 | SPI2 SCK |
| 26 | PA8 | DC XCLK | 76 | | NC | 126 | PC12 | SDMC1 CK | 176 | PI2 | SPI2 MOSI |
| 27 | | GND | 77 | | NC | 127 | PC9 | SDMMC1 D1 | 177 | | NC |
| 28 | | NC | 78 | | NC | 128 | PC10 | SDMMC1 D2 | 178 | PI3 | SPI2 MOSI |
| 29 | | NC | 79 | | GND | 129 | PC11 | SDMMC1 D3 | 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 | 190 | | USBH N |
| 41 | | GND | 91 | PB0 | UART4 CTS | 141 | PC7 | UART6 RX | 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 | 146 | PK7 | LCD DE | 196 | | USBC N |
| 47 | | NC | 97 | PA0 | PWM5.1 | 147 | PJ0 | | 197 | PA14 | |
| 48 | | NC | 98 | PH13 | CAN1 TX | 148 | PJ1 | | 198 | | GND |
| 49 | | NC | 99 | PH14 | CAN1 RX | 149 | PJ7 | | 199 | PA13 | |
| 50 | | NC | 100 | PH6 | PWM12.1 | 150 | PJ14 | | 200 | PJ8 | UART8 TX |

*Open drain requiring a 2.2K pull-up resistor