# SCM20260E Pinout

| Pin | Name | Function | Pin | Name | Function | Pin | Name | Function | Pin | Name | Function |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | Analog 3.3V/Analog VREF+/3.3V | 27 | PA8 | DC XCLK | 54 | PI12 | LCD HSYNC | 81 | PJ11 | SPI5 MISO/PWM1.2 |
| 2 | | Analog GND/Analog VREF-/GND | 28 | | VBAT | 55 | PI13 | LCD VSYNC | 82 | PC11 | SDMMC1 D3/UART3 RX |
| 3 | PB12 | CAN2 RX/UART5 RX | 29 | | USBH N | 56 | | GND | 83 | PC10 | SDMMC1 D2/UART3 TX |
| 4 | PB13 | CAN2 TX/UART5 TX | 30 | | USBH P | 57 | | 3.3V | 84 | PC9 | SDMMC1 D1/UART5 CTS |
| 5 | PA10 | UART1 RX | 31 | PC2 | ADC123.12 | 58* | PB10 | I2C2 SCL | 85 | PC12 | SDMMC1 CK |
| 6 | PA9 | UART1 TX | 32 | PB0 | UART4 CTS/PWM3.3/ADS12.9 | 59* | PB9 | I2C1 SDA/PWM17.1 | 86 | PC8 | SDMMC1 D0/UART5 RTS |
| 7 | PB7 | PWM4.2/APP | 33 | PB1 | PWM3.4/ADC12.5 | 60* | PB8 | I2C1 SCL/PWM16.1 | 87 | PD2 | SDMMC1 CMD |
| 8 | PF9 | UART7 CTS/PWM14.1/ADC3.2 | 34 | | 3.3V | 61 | | USBC N | 88 | PH11 | PWM5.2 |
| 9 | PF7 | UART7 TX/ADC3.3 | 35 | PA3 | PWM2.4/ADC12.15 | 62 | | USBC P | 89 | | GND |
| 10 | PF6 | UART7 RX/ADC3.8 | 36 | PJ2 | LCD R3 | 63 | | ETH PHY RX- | 90 | | RESET |
| 10 | PA5 | ADC12.19/DAC2 through 0 ohm | 37 | PJ3 | LCD R4 | 64 | | ETH PHY RX + | 91 | | GND |
| 11 | PF8 | UART7 RTS/PWM13.1/ADC3.7 | 38 | PJ4 | LCD R5 | 65 | | ETH PHY TX- | 92 | | ETH PHY LED LINK |
| 12 | PA4 | DC HS/ADC12.18/DAC1 | 39 | PJ5 | LCD R6 | 66 | | ETH PHY TX+ | 93 | | ETH PHY LED SPEED |
| 13 | PG9 | DC VS | 40 | PJ6 | LCD R7 | 67 | PI3 | SPI2 MOSI | 94 | PC6 | UART6 TX/PWM3.1 |
| 14 | PH7 | I2C3 SCL | 41 | PI15 | LCD G2 | 68 | PI2 | SPI2 MISO/PWM8.4 | 95 | PC7 | UART6 RX/PWM3.2 |
| 15 | PH8 | I2C3 SDA | 42 | PJ12 | LCD G3 | 69* | PB11 | I2C2 SDA | 96 | PB3 | SPI3 SCK/PWM2.2 |
| 16 | PH9 | DC D0/PWM12.2 | 43 | PH15 | LCD G4 | 70 | PI1 | SPI2 SCK | 97 | PA15 | UART4 RTS/PWM2.1 |
| 17 | PH12 | DC D3/PWM5.3 | 44 | PH4 | LCD G5/ADC3.15 | 71 | PJ9 | UART8 RX/PWM1.3 | 98 | PB5 | SPI3 MOSI |
| 18 | PE5 | DC D6/PWM15.1 | 45 | PK1 | LCD G6/PWM1.1 | 72 | PJ8 | UART8 TX | 99 | | BOOT0 |
| 19 | PH10 | DC D1 | 46 | PK2 | LCD G7 | 73 | PE3 | LDR | 100 | PB4 | SPI3 MISO |
| 20 | PG10 | DC D2 | 47 | PJ15 | LCD B3 | 74 | PD4 | UART2 RTS | 101 | PH6 | PWM12.1 |
| 21 | PE4 | DC D4 | 48 | PK3 | LCD B4 | 75 | PD6 | UART2 RX | 102 | PC0 | ADC123.10 |
| 22 | PI4 | DC D5 | 49 | PK4 | LCD B5 | 76 | PC3 | ADC12.13 | 103 | PF10 | ADC3.6 |
| 23 | PH13 | CAN1 TX/UART4 TX | 50 | PK5 | LCD B6 | 77 | PD3 | UART2 CTS | 104 | PD7 | MOD |
| 24 | PE6 | DC D7/PWM15.2 | 51 | PK6 | LCD B7 | 78 | PK0 | SPI5 SCK | 105 | PA0 | PWM5.1/ADC1.16/WKUP |
| 25 | PH14 | CAN1 RX/UART4 RX | 52 | PI14 | LCD CLK | 79 | PJ10 | SPI5 MOSI | | | |
| 26 | PA6 | DC PIXCLK/PWM13.1/ADC12.3 | 53 | PK7 | LCD DE | 80 | PD5 | UART2 TX | | | |

*Open drain requiring a 2.2K pull-up resistor