SC20260B Pinout

Ball	Name	Function
A1	Vss	GND
A2	PI6	PWM8.2
A3	PI5	PWM8.1
A4	PI4	DC D5
A5	PB5	SPI3 MOSI
A6	Vddldo	Vddldo
A7	Vcap	Vcap
A8	PK5	LCD B6
A9	PG10	DC D2
A10	PG9	DC VS
A11	PD5	UART2 TX
A12	PD4	UART2 RTS
A13	PC10	SDMMC1 D2	USART3 TX
A14	PA15	UART4 RTS	PWM2.1
A15	PI1	SPI2 SCK
A16	PI0	PWM5.4
A17	Vss	Vss
B1	Vbat	Vbat
B2	Vss	Vss
B3	PI7	PWM8.3
B4	PE1	FMC NBL1
B5	PB6	QSPI NCS
B6	Vss	Vss
B7	PB4	SPI3 MISO
B8	PK4	LCD B5
B9	PG11	ETH TX EN
B10	PJ15	LCD B3
B11	PD6	UART2 RX
B12	PD3	UART2 CTS
B13	PC11	SDMMC1 D3	USART3 RX
B14	PA14	
B15	PI2	SPI2 MISO	PWM8.4
B16	PH15	LCD G4
B17	PH14	CAN1 RX	UART4 TX
C1	PC15	OSC32 OUT
C2	PC14	OSC32 IN
C3	PE2	QSPI IO2
C4	PE0	FMC NBL0
C5	PB7	PWM4.2	APP
C6	PB3	SPI3 SCK	PWM2.2
C7	PK6	LCD B7
C8	PK3	LCD B4
C9	PG12	
C10	Vss	Vss
C11	PD7	MOD
C12	PC12	SDMMC1 CK
C13	Vss	Vss
C14	PI3	SPI2 MOSI
C15	PA13	
C16	Vss	Vss
C17	Vddldo	Vddldo
D1	PE5	DC D6	PWM15.1
D2	PE4	DC D4
D3	PE3	LDR
D4	PB9	I2C1 SDA	PWM17.1
D5	PB8	I2C1 SCL	PWM16.1
D6	PG15	FMC SDNCAS
D7	PK7	LCD DE
D8	PG14	ETH TXD1
D9	PG13	ETH TXD0
D10	PJ14	
D11	PJ12	LCD G3
D12	PD2	SDMMC1 CMD
D13	PD0	FMC D2
D14	PA10	UART1 RX
D15	PA9	UART1 TX
D16	PH13	CAN1 TX	UART4 TX
D17	Vcap	Vcap
E1	NC	NC
E2	PI9	
E3	PC13	TAMPER
E4	PI8	
E5	PE6	DC D7	PWM15.2
E6	Vdd	Vdd
E7	PDR_ON	PDR_ON
E8		RESERVED connect to Vdd
E9	Vdd	Vdd
E10	PJ13	
E11	Vdd	Vdd
E12	PD1	FMC D3
E13	PC8	SDMMC1 D0	UART5 RTS
E14	PC9	SDMMC1 D1	UART5 CTS
E15	PA8	DC XCLK
E16		USBC P
E17		USBC N
F1	NC	NC
F2	NC	NC
F3	PI10	ETH RX ER
F4	PI11	
F5	Vdd	Vdd
F6	NC	NC
F7	NC	NC
F8	NC	NC
F9	NC	NC
F10	NC	NC
F11	NC	NC
F12	NC	NC
F13	PC7	UART6 RX	PWM3.2
F14	PC6	UART6 TX	PWM3.1
F15	PG8	FMC SDCLK
F16	PG7	
F17	Vdd33usb	Vdd33usb
G1	PF2	FMC A2
G2	NC	NC
G3	PF1	FMC A1
G4	PF0	FMC A0
G5	Vdd	Vdd
G6	NC	NC
G7	Vss	Vss
G8	Vss	Vss
G9	Vss	Vss
G10	Vss	Vss
G11	Vss	Vss
G12	NC	NC
G13	Vdd	Vdd
G14	PG5	FMC BA1
G15	PG6	
G16	Vss	Vss
G17	Vdd50usb	Vdd50usb
H1	PI12	LCD HSYNC
H2	PI13	LCD VSYNC
H3	PI14	LCD CLK
H4	PF3	FMC A3
H5	Vdd	Vdd
H6	NC	NC
H7	Vss	Vss
H8	Vss	Vss
H9	Vss	Vss
H10	Vss	Vss
H11	Vss	Vss
H12	NC	NC
H13	Vdd	Vdd
H14	PG4	FMC BA0
H15	PG3	
H16	PG2	FMC A12
H17	PK2	LCD G7
J1	PH1	OSC OUT
J2	PH0	OSC IN
J3	Vss	Vss
J4	PF5	FMC A5
J5	PF4	FMC A4
J6	NC	NC
J7	Vss	Vss
J8	Vss	Vss
J9	Vss	Vss
J10	Vss	Vss
J11	Vss	Vss
J12	NC	NC
J13	Vdd	Vdd
J14	PK0	SPI5 SCK
J15	PK1	LCD G6	PWM1.1
J16	Vss	Vss
J17	Vss	Vss
K1	NRST	NRST
K2	PF6	UART7 RX	ADC3.8
K3	PF7	UART7 TX	ADC3.3
K4	PF8	UART7 RTS	PWM13.1	ADC3.7
K5	Vdd	Vdd
K6	NC	NC
K7	Vss	Vss
K8	Vss	Vss
K9	Vss	Vss
K10	Vss	Vss
K11	Vss	Vss
K12	NC	NC
K13	Vdd	Vdd
K14	PJ11	SPI5 MISO	PWM1.2
K15	Vss	Vss
K16	NC	NC
K17	NC	NC
L1	Vdda	Vdda
L2	PC0	ADC123.10
L3	PF10	ADC3.6
L4	PF9	UART7 CTS	PWM14.1	ADC3.2
L5	Vdd	Vdd
L6	NC	NC
L7	Vss	Vss
L8	Vss	Vss
L9	Vss	Vss
L10	Vss	Vss
L11	Vss	Vss
L12	NC	NC
L13	Vdd	Vdd
L14	PJ10	SPI5 MOSI
L15	Vss	Vss
L16	NC	NC
L17	NC	NC
M1	Vref+	Vref+
M2	PC1	ETH MDC
M3	PC2	ADC123.12
M4	PC3	ADC12.13
M5	Vdd	Vdd
M6	NC	NC
M7	NC	NC
M8	NC	NC
M9	NC	NC
M10	NC	NC
M11	NC	NC
M12	NC	NC
M13	Vdd	Vdd
M14	PJ9	UART8 RX	PWM1.3
M15	Vss	Vss
M16	NC	NC
M17	NC	NC
N1	Vref-	Vref-
N2	PH2	FMC SDCKE0
N3	PA2	ETH MDIO
N4	PA1	ETH REF CLK
N5	PJ0	PWM5.1	ADC1.16	WKUP
N6	NC	NC
N7	Vdd	Vdd
N8	Vdd	Vdd
N9	PE10	FMC D7
N10	Vdd	Vdd
N11	Vdd	Vdd
N12	Vdd	Vdd
N13	PJ8	UART8 TX
N14	PJ7	
N15	PJ6	LCD R7
N16	Vss	Vss
N17	NC	NC
P1	Vssa	Vssa
P2	PH3	FMC SDNE0
P3	PH4	LCD G5	ADC3.15
P4	PH5	FMC SDNWE
P5	PI15	LCD G2
P6	PJ1	
P7	PF13	FMC A7
P8	PF14	FMC A8
P9	PE9	FMC D6
P10	PE11	FMC D8
P11	PB10	I2C2 SCL
P12	PB11	I2C2 SDA
P13	PH10	DC D1
P14	PH11	PWM5.2
P15	PD15	FMC D1
P16	PD14	FMC D0
P17	Vdd	Vdd
R1	PC2_C	ADC3.0
R2	PC3_C	ADC3.1
R3	PA6	DC PIXCLK	PWM13.1	ADC12.3
R4	Vss	Vss
R5	PA7	ETH CRS DV	PWM14.1	ADC12.7
R6	PB2	QSPI CLK
R7	PF12	FMC A6
R8	Vss	Vss
R9	PF15	FMC A9
R10	PE12	FMC D9
R11	PE15	FMC D12
R12	PJ5	LCD R6
R13	PH9	DC D0	PWM12.2
R14	PH12	DC D3	PWM5.3
R15	PD11	QSPI IO0
R16	PD12	QSPI IO1
R17	PD13	QSPI IO3
T1	PA0_C	ADC12.0
T2	PA1_C	ADC12.1
T3	PA5	ADC12.19	DAC2
T4	PC4	ETH RXD0
T5	PB1	PWM3.4	ADC12.5
T6	PJ2	LCD R3
T7	PF11	FMC SDNRAS
T8	PG0	FMC A10
T9	PE8	FMC D5
T10	PE13	FMC D10
T11	PH6	PWM12.1
T12	Vss	Vss
T13	PH8	I2C3 SDA
T14	PB12	CAN2 RX	UART5 RX
T15		USBH P
T16	PD10	FMC D15
T17	PD9	FMC D14
U1	Vss	Vss
U2	PA3	PWM2.4	ADC12.15
U3	PA4	DC HS	ADC12.18	DAC1
U4	PC5	ETH RXD1
U5	PB0	UART4 CTS	PWM3.3	ADC12.9
U6	PJ3	LCD R4
U7	PJ4	LCD R5
U8	PG1	FMC A11
U9	PE7	FMC D4
U10	PE14	FMC D11
U11	Vcap	Vcap
U12	Vddldo	Vddldo
U13	PH7	I2C3 SCL
U14	PB13	CAN2 TX	UART5 TX
U15		USBH N
U16	PD8	FMC D13
U17	Vss	Vss