

100S

G80

100S		G80	
I/O	Function	I/O	Function
1	PE2	PE2	
2	PE3	PE3	LDR0
3	PE4	PE4	LDR1
4	PE5	PE5	
5	PE6	PE6	
6			VBAT
7	PC13	PC13	
8		PC14	RTC XTAL IN
9		PC15	RTC XTAL OUT
10			GND
11			3.3 V
12			SYS XTAL IN
13			SYS XTAL OUT
14			RESET
15	PC0	PC0	ADC10
16	PC1	PC1	ADC11
17	PC2	PC2	ADC12 SPI2 MISO
18	PC3	PC3	ADC13 SPI2 MOSI
19			3.3 V
20			GND
21			3.3 V
22			3.3 V
23	PA0	PA0	ADC0 COM4 TX
24	PA1	PA1	ADC1 COM4 RX
25	PA2	PA2	ADC2 PWM20
26	PA3	PA3	ADC3 PWM21
27			GND
28			3.3 V
29	PA4	PA4	ADC4 DAC1
30	PA5	PA5	ADC5 DAC2
31	PA6	PA6	ADC6 PWM24
32	PA7	PA7	ADC7 PWM25
33	PC4	PC4	ADC14
34	PC5	PC5	ADC15
35	PB0	PB0	ADC8 PWM10
36	PB1	PB1	ADC9 PWM11
37	PE7	PB2	
38	PE8	PE7	
39	PE9	PE8	
40	PE10	PE9	PWM0
41	PE11	PE10	
42	PE12	PE11	PWM1
43	PE13	PE12	
44	PE14	PE13	PWM2

45	PE15			45	PE14	PWM3	
46	PB10	I2C2 SCL		ETH RX ER	46	PE15	MODE
47	PB11	I2C2 SDA		ETH TX EN	47	PB10	PWM6 SPI2 SCK
48		VCAP		48	PB11	PWM7	
49		VSS		49			
50		VDD		50		3.3 V	
51	PB12	CAN2 RX	UART5 RX	ETH TXD0	51	PB12	CAN2 RD
52	PB13	CAN2 TX	UART5 TX	ETH TXD1	52	PB13	CAN2 TD
53		USBH N		53	PB14	USBH D-	
54		USBH P		54	PB15	USBH D+	
55	PD8	UART3 TX		55	PD8	COM3 TX	
56	PD9	UART3 RX		56	PD9	COM3 RX	
57	PD10			57	PD10		
58	PD11	QSPI IO0		58	PD11	COM3 CTS	
59	PD12	QSPI IO1		59	PD12	COM3 RTS	PWM12
60	PD13	QSPI IO3		60	PD13	PWM13	
61	PD14			61	PD14	PWM14	
62	PD15			62	PD15	PWM15	
63	PC6	UART6 TX		PWM3.1	63	PC6	PWM16
64	PC7	UART6 RX		PWM3.2	64	PC7	PWM17
65	PC8	SDMMC1 D0	UART5 RTS	65	PC8	PWM18	SD D0
66	PC9	SDMMC1 D1	UART5 CTS	66	PC9	PWM19	SD D1
67	PA8			67	PA8		
68	PA9	UART1 TX		68	PA9	COM1 TX	
69	PA10	UART1 RX		69	PA10	COM1 RX	
70		USBC N		70	PA11	USBC D-	
71		USBC P		71	PA12	USBC D+	
72	PA13			72	PA13		
73		VCAP		73			
74		VSS		74		GND	
75		VDD(S)/VDDLDO(B)*		75		3.3 V	
76	PA14			76	PA14		
77	PA15	UART4 RTS		PWM2.1	77	PA15	PWM4
78	PC10	SDMMC1 D2		78	PC10	SD D2	
79	PC11	SDMMC1 D3		79	PC11	SD D3	
80	PC12	SDMMC1 CK		80	PC12	SD CLK	
81	PD0	UART4 RX		CAN1 RX	81	PD0	CAN1 RD
82	PD1	UART4 TX		CAN1 TX	82	PD1	CAN1 TD
83	PD2	SDMMC1 CMD		83	PD2	SD CMD	
84	PD3	UART2 CTS		84	PD3	COM2 CTS	
85	PD4	UART2 RTS		85	PD4	COM2 RTS	
86	PD5	UART2 TX		86	PD5	COM2 TX	
87	PD6	UART2 RX		87	PD6	COM2 RX	
88	PD7	MOD		88	PD7		
89	PB3	SPI3 SCK		PWM2.2	89	PB3	PWM5 SPI1 SCK
90	PB4	SPI3 MISO		90	PB4	PWM8	SPI1 MISO
91	PB5	SPI3 MOSI		91	PB5	PWM9	SPI1 MOSI

92	PB6	QSPI NCS		92	PB6	I2C SCL
93	PB7	PWM4.2	APP	93	PB7	I2C SDA
94		RESERVED pull to GND		94		
95	PB8	I2C1 SCL	PWM16.1	95	PB8	PWM22
96	PB9	I2C1 SDA	PWM17.1	96	PB9	PWM23
97	PE0	UART8 RX		97	PE0	
98	PE1	UART8 TX		98	PE1	
99		Vss		99		GND
100		VDD(S)/VDD33USB(B)*		100		3.3 V

PIN Compatible

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