export

Position	Name	Type	Signal	Label	Connected
1	PE2	I/O	USART10_RX	M4_RX	██
2	PE3	I/O	USART10_TX	M4_TX	██
3	PE4	I/O			
4	PE5	I/O	TIM15_CH1	M2_PWM	██
5	PE6	I/O			
6	VBAT	Power			
7	PC13	Input	GPIO_Input	B1 (Blue_User_Button)	
8	PC14-OSC32_IN	I/O	RCC_OSC32_IN		
9	PC15-OSC32_OUT	I/O	RCC_OSC32_OUT		
10	PF0	I/O	I2C2_SDA	VL53L4CD_SDA	██
11	PF1	I/O	I2C2_SCL	VL53L4CD_SCL	██
12	PF2	Output	GPIO_Output	VL53L4CD_SHUT	██
13	PF3	Output	GPIO_Output	VL53L4CD_INT	██
14	PF4	I/O			
15	PF5	I/O			
16	VSS	Power			
17	VDD	Power			
18	PF6	I/O	TIM23_CH1	M3_PWM	██
19	PF7	I/O			
20	PF8	I/O			
21	PF9	I/O			
22	PF10	I/O			
23	PH0-OSC_IN	I/O	RCC_OSC_IN	MCO	
24	PH1-OSC_OUT	I/O	RCC_OSC_OUT		
25	NRST	Reset			
26	PC0	I/O			
27	PC1	I/O	ETH_MDC	RMII_MDC	
28	PC2_C	I/O	SPI2_MISO	RF_MISO	██
29	PC3_C	I/O	SPI2_MOSI	RF_MOSI	██
30	VDD	Power			
31	VSSA	Power			
32	VREF+	MonoIO			
33	VDDA	Power			
34	PA0	I/O	TIM5_CH1	M1_PWM	██
35	PA1	I/O	TIM2_CH2	M1_Encoder_B	██
36	PA2	I/O	USART2_TX	M2_TX	██
37	PA3	I/O	USART2_RX	M2_RX	██
38	VSS	Power			
39	VDD	Power			
40	PA4	Output	GPIO_Output	WSENS_CS	██
41	PA5	I/O	SPI1_SCK	WSENS_SCL	██
42	PA6	I/O	SPI1_MISO	WSENS_SAO	██
43	PA7	I/O	ETH_CRS_DV	RMII_CRS_DV	
44	PC4	I/O	ETH_RXD0	RMII_RXD0	
45	PC5	I/O	ETH_RXD1	RMII_RXD1	
46	PB0	Output	GPIO_Output	LED_GREEN	
47	PB1	I/O			
48	PB2	I/O			

49	PF11	I/O	TIM24_CH1	M4_PWM	
50	PF12	I/O			
51	VSS	Power			
52	VDD	Power			
53	PF13	I/O			
54	PF14	I/O	I2C4_SCL	ADPS-9960_SCL	
55	PF15	I/O	I2C4_SDA	ADPS-9960_SDA	
56	PG0	I/O			
57	PG1	I/O			
58	PE7	I/O			
59	PE8	I/O			
60	PE9	I/O			
61	VSS	Power			
62	VDD	Power			
63	PE10	I/O			
64	PE11	I/O			
65	PE12	I/O			
66	PE13	I/O			
67	PE14	I/O			
68	PE15	Output	GPIO_Output	RF_CS	
69	PB10	I/O	SPI2_SCK	RF_SCK	
70	PB11	I/O			
71	VCAP	Power			
72	VDD	Power			
73	PB12	I/O	UART5_RX	Rpi_RX	
74	PB13	I/O	ETH_TXD1	RMII_TXD1	
75	PB14	I/O	TIM12_CH1	M5_PWM	
76	PB15	I/O	USART1_RX	M1_RX	
77	PD8	I/O	USART3_TX	STLK_VCP_RX	
78	PD9	I/O	USART3_RX	STLK_VCP_TX	
79	PD10	Output	GPIO_Output		
80	PD11	I/O			
81	PD12	I/O	TIM4_CH1	M3_Encoder_A	
82	PD13	Output	GPIO_Output	SEN0374_INT	
83	VSS	Power			
84	VDD	Power			
85	PD14	Output	GPIO_Output	SEN0374_Boot	
86	PD15	Output	GPIO_Output	SEN0374_PS1	
87	PG2	Output	GPIO_Output	SEN0374_PS2	
88	PG3	Output	GPIO_Output	SEN0374_BL-IND	
89	PG4	Output	GPIO_Output	SEN0374_RST	
90	PG5	Output	GPIO_Output		
91	PG6	Output	GPIO_Output	ADPS-9960_INT	
92	PG7	I/O	GPIO_EXTI7	USB_FS_OVCR	
93	PG8	Output	GPIO_Output	VL6180_IO1	
94	VSS	Power			
95	VDD33USB	Power			
96	PC6	I/O	TIM8_CH1	M4_Encoder_A	
97	PC7	I/O	TIM8_CH2	M4_Encoder_B	

98	PC8	Output	GPIO_Output	VL6180_IO0	
99	PC9	I/O	I2C3_SDA	VL6180_SDA	
100	PA8	I/O	I2C3_SCL	VL6180_SCL	
101	PA9	I/O	USB_OTG_HS_VBUS	USB_FS_VBUS	
102	PA10	I/O	USB_OTG_HS_ID	USB_FS_ID	
103	PA11	I/O	USB_OTG_HS_DM	USB_FS_DM	
104	PA12	I/O	USB_OTG_HS_DP	USB_FS_DP	
105	PA13(JTMS/SWDIO)	I/O	DEBUG_JTMS-SWDIO	SWDIO	
106	VCAP	Power			
107	VSS	Power			
108	VDD	Power			
109	PA14(JTCK/SWCLK)	I/O	DEBUG_JTCK-SWCLK	SWCLK	
110	PA15(JTDI)	I/O	TIM2_CH1	M1_Encoder_A	
111	PC10	I/O	UART4_TX	M5_TX	
112	PC11	I/O	UART4_RX	M5_RX	
113	PC12	I/O	UART5_TX	Rpi_TX	
114	PD0	I/O			
115	PD1	I/O			
116	PD2	I/O			
117	PD3	I/O			
118	PD4	I/O			
119	PD5	I/O			
120	VSS	Power			
121	VDD	Power			
122	PD6	I/O			
123	PD7	I/O	SPI1_MOSI	WSENS_SDA	
124	PG9	I/O	USART6_RX	M3_RX	
125	PG10	I/O			
126	PG11	I/O	ETH_TX_EN	RMII_TX_EN	
127	PG12	I/O			
128	PG13	I/O	ETH_TXD0	RMII_TXD0	
129	PG14	I/O	USART6_TX	M3_TX	
130	VSS	Power			
131	VDD	Power			
132	PG15	I/O			
133	PB3(JTDO/TRACESWO)	I/O	DEBUG_JTDO-SWO	SWO	
134	PB4(NJTRST)	I/O	TIM3_CH1	M2_Encoder_A	
135	PB5	I/O	TIM3_CH2	M2_Encoder_B	
136	PB6	I/O	USART1_TX	M1_TX	
137	PB7	I/O	TIM4_CH2	M3_Encoder_B	
138	BOOT0	Boot			
139	PB8	I/O	I2C1_SCL	SEN0374_SCL	
140	PB9	I/O	I2C1_SDA	SEN0374_SDA	
141	PE0	I/O			
142	PE1	Output	GPIO_Output	LED_YELLOW	
143	PDR_ON	Power			
144	VDD	Power			