Left block

Pad	Name	Function
1		Analog GND
2		ETH PHY TX-
3		NC
4		NC
5		Analog VREF-
6		ETH PHY RX-
7		NC
8		ETH PHY RX+
9		NC
10		ETH PHY LED SPEED
11		ETH PHY LED LINK
12		NC
13		GND
14	PH9	DC D0 / PWM12.2
15	PH10	DC D1
16	PG10	DC D2
17	PH12	DC D3 / PWM5.3
18	PE4	DC D4
19	PI4	DC D5
20		Analog 3.3V
21	PE5	DC D6 / PWM15.1
22	PB9	DC D7 / PWM17.1
23	PG9	DC VS
24	PA4	DC HS / ADC1.18 / DAC1 / I2S3_WS
25	PC4	DC PIXCLK / PWM13.1 / ADC1.3
26	P13	DC XCLK
27		NC
28		NC
29		NC
30		NC
31		NC
32		Analog VREF+
33		NC
34		NC
35		PDR ON
36	PF0	SDMMC3_D0
37	ANA0	ANA0
38	ANA1	ANA1
39		SDMMC3_CMD
40		GND
41		GND
42	PD4	UART2 RTS
43	PD11	SAI2 SD A / UART3 CTS
44		GND
45	BOOT2	BOOT2
46		3.3V
47	PE7	
48	PB11	
49	PG1	
50		NC
51		GND
52	PG15	SDMMC3 CK
53	PF4	SDMMC3 D1
54	PD5	SDMMC3 D2
55	PD7	SDMMC3 D3
56	PB2	QSPI1_CLK
57	PF9	SPI5 MOSI / PWM14.1 / QSPI1_IO1
58	PF7	SPI5 SCK / QSPI1_IO2
59	PF8	SPI5 MISO / QSPI1_IO0
60		3.3V
61	PF6	UART7 RX
62	PE8	UART7 TX
63	PE9	UART7 RTS / PWM1.1
64	PE10	UART7 CTS
65	PB6	I2C4 SCL / QSPI1_NSS
66	PF15	I2C4 SDA
67		GND

Middle block

Pad	Name	Function
68	PD8	UART3 TX
69	PD9	UART3 RX
70		NC
71		NC
72		3.3V
73		NC
74		NC
75		NC
76		NC
77		NC
78		NC
79		GND
80		NC
81		NC
82		NC
83		NC
84		NC
85		NC
86		NC
87		NC
88		3.3V
89	PC0	PWM1.10 / ADC1.10
90	PI11	
91	PD12	I2C1 SCL / SAI2 FS A / UART3 RTS
92	PD13	I2C1 SDA / SAI2 SCK A / QSPI1_IO3 / I2S3_MCK
93		GND
94	PD14	PWM4.3
95		NC
96	PD0	PWM5.1 / ADC1.16 / WKUP0
97	PI2	CAN1 TX / I2C6 SCL / UART4 TX
98	PD1	CAN1 RX / I2C6 SDA / UART4 RX
99	PB5	PWM3.2
100	PB1	PWM4.4
101	P27	UART1 TX
102	P26	UART1 RX
103	PC3	ADC1.13
104	PE6	3.3V
105	PE13	SPI4 MISO
106	PE14	SPI4 MOSI
107	PE12	SPI4 SCK
108	PF13	ADC2.2
109	PH2	APP
110	PA10	PWM1.3
111	PA3	PWM2.4 / ADC1.15
112	PI5	I2C5 SDA
113	PI7	I2C5 SCL
114	PB12	UART5 RX / CAN2 RX
115	PB13	UART5 TX / CAN2 TX
116	PA5	ADC1.19 / DAC2
117	PA12	UART1 RTS
118	PC1	UART1 CTS
119	PG0	
120	PC8	SDMMC1 D0 / I2S3_SDO
121		3.3V
122	PD2	SDMMC1 CM / I2S_CKIN
123	PC12	SDMMC1 CK / I2S3_CK
124	PC11	SDMMC1 D3 / I2S3_SDI
125	PC10	SDMMC1 D2
126	PB7	PWM4.2
127		NC
128		NC
129		NC
130		GND
131		NC
132		NC
133	PF3	PWM2.1
134	PC13	WKUP2

Right block

Pad	Name	Function
135	PH3	MODE
136	PI8	
137	PI8	
138	PA14	
139	PE1	UART8 TX
140	PE0	UART8 RX / SAI2 MCK A
141		3.3V
142	PI9	LCD VS
143	PG7	LCD HS
144	PG7	LCD CLK
145	PD3	LCD DE
146		UART2 CTS
147	PH4	
148	PH4	
149	PH4	
150		GND
151	PD10	LCD B3
152	PG12	LCD B4
153	PI5	LCD B5 / PWM8.1
154	PI6	LCD B6 / PWM8.2
155	PI6	LCD B7 / PWM8.3
156	PF14	ADC2.6
157	PF11	ADC1.8 / SAI2 SD B
158	PF11	ADC1.6
159		3.3V
160	PH13	LCD G2
161	PE11	LCD G3
162	PH15	LCD G4 / PWM5.5
163	PI0	LCD G5 / PWM5.4
164	PI1	LCD G6
165	PD6	UART2 RX
166	PE15	LCD R7
167	PI2	LCD G7 / PWM8.4
168	PB0	ADC1.9 / LCD R3 / PWM13.3
169	PI7	LCD R4 / PWM1.2
170	PH11	LCD R5 / PWM13.2
171	PA8	LCD R6
172	PZ0	SPI1 SCK
173	PZ1	SPI1 MISO
174		NC
175	PZ2	SPI1 MOSI
176		3.3V
177		NC
178		NC
179		VBAT
180		GND
181		NC
182		RESET
183		USB DP1
184		USB DM1
185		BOOT1
186		3.3V
187		NC
188		NC
189		USB DP2
190		3.3V
191		NC
192		USB DM2
193		GND
194		NC
195		NC
196	JTCK/SWCLK	
197		GND
198	JTMS/SWDIO	
199		NC
200	PF5	UART2 TX