

MYC-YA157C-V2 Pin List (STM32MP157AAC)

Pin Number	Signal Name	MPU PIN Name or Description
1	GND	Power GND
2	DSI D0 P	DSI D0 P
3	DSI D0 N	DSI D0 N
4	GND	Power GND
5	DSI D1 P	DSI D1 P
6	DSI D1 N	DSI D1 N
7	GND	Power GND
8	DSI CLK P	DSI CLK P
9	DSI CK N	DSI CK N
10	GND	Power GND
11	PD13	PD13
12	PC6	PC6
13	PC7	PC7
14	PB7	PB7
15	PB9	PB9
16	PB6	PB6
17	PB5	PB5
18	PB10	PB10
19	PB13	PB13
20	PB8	PB8
21	PB12	PB12
22	SDMMC3 D3	PD7
23	SDMMC3 D0	PF0
24	SDMMC3 CMD	PF1
25	SDMMC3 D1	PF4
26	SDMMC3 D2	PF5
27	SDMMC3 CK	PG15
28	PE4	PE4
29	GND	GND
30	PE6	PE6
31	PE15	PE15
32	PE14	PE14
33	PE11	PE11
34	PE12	PE12
35	PE13	PE13
36	PH11	PH11
37	PD10	PD10
38	PI6	PI6
39	PH8	PH8
40	PH9	PH9

41	PI4	PI4
42	PI7	PI7
43	PH10	PH10
44	PH12	PH12
45	PI5	PI5
46	PH14	PH14
47	PH4	PH4
48	PH5	PH5
49	PH15	PH15
50	PH13	PH13
51	PH6	PH6
52	PH7	PH7
53	PI0	PI0
54	PI3	PI3
55	PI2	PI2
56	PI1	PI1
57	PI9	PI9
58	PG12	PG12
59	PG10	PG10
60	PG7	PG7
61	PI10	PI10
62	PZ0	PZ0
63	PZ1	PZ1
64	PZ2	PZ2
65	PZ3	PZ3
66	PE0	PE0
67	PE1	PE1
68	I2C4_SCL	PZ4 (only used as I2C)
69	I2C4_SDA	PZ5 (only used as I2C)
70	PD8	PD8
71	PD9	PD9
72	PH3	PH3
73	PH2	PH2
74	GND	Power GND
75	PZ7	PZ7
76	PZ6	PZ6
77	BOOT1	BOOT1
78	BOOT0	BOOT0
79	BOOT2	BOOT2
80	PC3	PC3
81	DBTRGIO	PA13
82	NRST	Reset Input
83	ANA1	ADC (Vref=2.5V)

84	ANAO	ADC (Vref=2.5V)
85	GND	Power GND
86	PA4	PA4
87	PA5	PA5
88	PA15	PA15
89	PA14	PA14
90	GND	Power GND
91	UART4 TX	PG11
92	UART4 RX	PB2
93	GND	Power GND
94	ETH TRP0	differential line for ethernet
95	ETH TRN0	differential line for ethernet
96	GND	Power GND
97	ETH TRP1	differential line for ethernet
98	ETH TRN1	differential line for ethernet
99	GND	Power GND
100	ETH TRP2	differential line for ethernet
101	ETH TRN2	differential line for ethernet
102	GND	Power GND
103	ETH TRN3	differential line for ethernet
104	ETH TRP3	differential line for ethernet
105	GND	Power GND
106	ETH LED2	differential line for ethernet
107	ETH LED1	differential line for ethernet
108	GND	Power GND
109	PF15	PF15
110	PF14	PF14
111	PF13	PF13
112	PF12	PF12
113	PF7	PF7
114	PF8	PF8
115	PF6	PF6
116	PF3	PF3
117	PF9	PF9
118	PF11	PF11
119	PF10	PF10
120	PF2	PF2
121	GND	Power GND
122	USB2 P	USB2 P
123	USB2 N	USB2 N
124	GND	Power GND
125	GND	Power GND
126	USB1 P	USB1 P
127	USB1 N	USB1 N
128	GND	Power GND

129	PA10	PA10
130	OTG VBUS	Power in for USB OTG
131	PG2	PG2
132	PG8	PG8
133	GND	Power GND
134	PG3	PG3
135	PI11	PI11
136	PI8	PI8
137	GND	Power GND
138	SWDIO	SWDIO
139	SWCLK	SWCLK
140	JTDI	JTDI
141	JTRST	JTRST
142	JTDO	JTDO
143	PWR KEY	PA0
144	GND	Power GND
145	SDMMC1 D0	PC8
146	SDMMC1 D1	PC9
147	SDMMC1 D2	PC10
148	SDMMC1 D3	PC11
149	SDMMC1 CK	PC12
150	SDMMC1 CMD	PD2
151	PA3	PA3
152	FDCAN1_RX	PA11
153	FDCAN1_TX	PA12
154	GND	Power GND
155	NC	No Connect
156	3V3	3V3
157	NC	No Connect
158	3V3	Power output 3.3V .
159	GND	Power GND
160	VBAT_EXT	Power input 1.8V~3.3V
161	VDD 5V	Power input 5V
162	VDD 5V	Power input 5V
163	GND	Power GND
164	GND	Power GND

1. ADC Vref+ connect to 3.3V by default.
2. 3V3 can output 3.3V@1A.