

PicoMOD7A GPIO Reference Card (V1.0)

J4	Function	Device	GPIO	/sys/class/gpio/gpio#	PM7-SKIT
1	SPI_CS0	SPI	GPB1	15	J10_16
2	SPI_CLK	SPI	GPB0	14	J10_14
3	SPI_MISO	SPI	GPB2	16	J10_12
4	SPI_MOSI	SPI	GPB3	17	J10_10
5	CANTX_TXD3	CAN/COM			
6	CANRX_RXD3	CAN/COM			
7	MDIRX-	ETH			
8	MDITX-	ETH			
9	MDIRX+	ETH			
10	MDITX+	ETH			
11	V33				
12	V33				
13	GND				
14	GND				
15	/PONRES		XnRESET		
16	VBAT				
17	TXD0	COM	GPA0_1	1	J4_5
18	RXD0	COM	GPA0_0	0	J4_3
19	RTS0_TXD3	COM	GPA0_3	3	J2_4
20	CTS0_RXD3	COM	GPA0_2	2	J2_6
21	TXD1	COM	GPA0_5	5	J10_9
22	RXD1	COM	GPA0_4	4	J10_11
23	TXD2	COM	GPA1_1	10	J6_5
24	RXD2	COM	GPA1_0	9	J6_3
25	OTGDM	USB	OTG		
26	USBDN	USB	USB		
27	OTGDP	USB	OTG		
28	USBDP	USB	USB		
29	GPIO5	GPIO	GPH2_5	151	J2_70
30	USB-PWR1	USB		140	J2_40
31	I2DAT	I2C	GPD1_4	44	J10_4
32	USBVBUS/PWR2	USB	GPJ2_6	193	J2_38
33	GPIO7	GPIO	GPH2_7	152	J2_72
34	I2CLK	I2C	GPD1_5	45	J10_6
35	BOOTSEL0				
36	GPIO8	GPIO	GPH3_0	155	J2_74
37	GND				

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38	BOOTSEL2				
39	GND				
40	GND				
41	GPIO1	GPIO	GPH2_1	147	J2_58
42	GPIO0	GPIO	GPH2_0	146	J2_56
43	GPIO3	GPIO	GPH2_3	149	J2_62
44	GPIO2	GPIO	GPH2_2	148	J2_60
45	SLOT0_CLK	SD MMC	GPG0_0	96	
46	GPIO4	GPIO	GPH2_4	150	J2_68
47	SLOT0_DATA0	SD MMC	GPG0_3	99	
48	SLOT0_CMD	SD MMC	GPG0_1	97	
49	SLOT0_DATA2	SD MMC	GPG0_5	101	
50	SLOT0_DATA1	SD MMC	GPG0_4	100	
51	SLOT0_CDn	SD MMC	GPG0_2	98	
52	SLOT0_DATA3	SD MMC	GPG0_6	102	
53	SLOT0_WP	SD MMC	GPJ3_5	202	
54	GPIO6	SD MMC	GPH2_6	152	
55	LCD-DEN	LCD	GPJ3_2	199	J2_1
56	LCD-ENA	LCD	GPF3_5	97	J2_3
57	VCFL-ON	LCD	GPH0_5	133	J2_5
58	VLCD-ON	LCD	GPH0_6	134	J2_7
59	GND				
60	LBKLT_CTRL	LCD	GPD0_0	35	J2_9
61	G0	LCD	GPF1_6	77	J2_49
62	GND				
63	B0	LCD	GPF0_6	68	J2_41
64	G1	LCD	GPF1_7	78	J2_13
65	B1	LCD	GPF0_7	69	J2_15
66	B2	LCD	GPF1_0	71	J2_39
67	B4	LCD	GPF1_2	73	J2_37
68	B3	LCD	GPF1_1	72	J2_19
69	G2	LCD	GPF2_0	80	J2_45
70	B5	LCD	GPF1_3	74	J2_21

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71	G4	LCD	GPF2_2	82	J2_43
72	G3	LCD	GPF2_1	81	J2_25
73	R0	LCD	GPF2_6	86	J2_57
74	G5	LCD	GPF2_3	83	J2_27
75	R2	LCD	GPF3_0	89	J2_55
76	R1	LCD	GPF2_7	87	J2_31
77	R4	LCD	GPF3_2	91	J2_53
78	R3	LCD	GPF3_1	90	J2_33
79	HSYNC	LCD	GPF0_0	62	J2_67
80	R5	LCD	GPF3_3	92	J2_51
81	VDEN	LCD	GPF0_2	64	J2_65
82	VSYNC	LCD	GPF0_1	63	J2_59
83	GND				
84	GND				
85	GND				
86	VCLK	LCD	GPF0_3	65	J2_61
87	GPIO9	GPIO	GPH3_1	156	J2_52
88	I2CSCL_GPIO10	GPIO	GPD1_3	43	J2_50
89	WAITn		MP02_2	223	
90	I2CSDA_GPIO11	GPIO	GPD1_2	42	J2_48
91	CSn4		MP01_4	216	
92	CSn5		MP01_5	217	
93	GPIO12	GPIO	GPH3_2	157	
94	GPIO13	GPIO	GPH3_3	158	
95	GPIO14	GPIO	GPH3_4	159	
96	OEn		MP01_6	218	
97	Wen		MP01_7	219	
98	GPIO15	GPIO	GPH3_5	160	
99	RADDR0				
100	RADDR1				
101	RADDR2				
102	RADDR3				
103	RADDR4				
104	RADDR5				
105	RADDR6				
106	RADDR7				
107	RADDR8				

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108	RADDR9				
109	RADDR10				
110	RDATA0				
111	RDATA1				
112	RDATA2				
113	RDATA3				
114	RDATA4				
115	RDATA5				
116	RDATA6				
117	RDATA7				
118	RDATA8				
119	RDATA9				
120	RDATA10				
121	RDATA11				
122	RDATA12				
123	RDATA13				
124	RDATA14				
125	RDATA15				
126	GPIO16	GPIO	GPH3_6	161	J2_42
127	CSn1		MP01_1	213	
128	ETH-ACT	LED			
129	STA1	LED			
130	STA2	LED			
131	LOUT	AUDIO			
132	ROUT	AUDIO			
133	LIN	AUDIO			
134	RIN	AUDIO			
135	MICIN	AUDIO			
136	MICBIAS	AUDIO			
137	X+	TOUCH			J2_73
138	X-	TOUCH			J2_77
139	Y+	TOUCH			J2_75
140	Y-	TOUCH			J2_79