

PicoCOM4 GPIO Reference Card (V1.4, 25.06.2013)

J11	Function	Device	GPIO	Mode	/sys/class/gpio/gpio#	PC4-SKIT
1	ETX-	ETH				
2	ERX-	ETH				
3	ETX+	ETH				
4	ERX+	ETH				
5	V33					
6	V33					
7	GND					
8	GND					
9	VBAT					
10	/RES					
11	CTS1	COM	GPH10	I/O	234	J10_1
12	EINT0	GPIO	GPF0	I/O	160	J10_2
13	TXD0	COM	GPH0	I/O	224	
14	RXD0	COM	GPH1	I/O	225	
15	RTS0	COM	GPH4/GPH9	I/O	228/233	
16	CTS0	COM	GPH5/GPH8	I/O	229/232	
17	TDX1	COM	GPH2	I/O	226	
18	RXD1	COM	GPH3	I/O	227	
19	HDBA	USB	OTG			
20	HDMA	USB	OTG			
21	DDP	USB	OTG			
22	DDM	USB	OTG			
23	CNX	USB	GPF4	I/O	164	
24	PWR	USB	GPG0	I/O	192	
25	GND					
26	SPI1-MISO	SPI	GPE11	I	139	J10_3
27	SPI1-MOSI	SPI	GPE12	O	140	J10_4
28	SPI1-SPCK	SPI	GPE13	O	141	J10_5
29	SPI1-PCS0	SPI	GPF1	I/O	161	J10_6
30	CAN-TX	CAN				
31	CAN-RX	CAN				
32	SDA	I2C	GPE15	I/O	143	J10_9
33	SCL	I2C	GPE14	I/O	142	J10_10
34	SD-DAT0	SDCARD	GPL0	I/O	320	
35	SD-DAT1	SDCARD	GPL1	I/O	321	
36	SD-DAT2	SDCARD	GPL2	I/O	322	
37	SD-DAT3	SDCARD	GPL3	I/O	323	
38	SD-CLK	SDCARD	GPL9	I/O	329	
39	SD-CMD	SDCARD	GPL8	I/O	328	
40	EINT2	GPIO	GPF2	I/O	162	J10_11

J11	Function	Device	GPIO	Mode	/sys/class/gpio/gpio#	PC4-SKIT
41	PWM	PWM	GPB0	I/O	32	J10_12
42	GND					
43	LCD0	LCD	GPD11	I/O	107	
44	LCD1	LCD	GPD12	I/O	108	
45	LCD2	LCD	GPD13	I/O	109	
46	LCD3	LCD	GPD14	I/O	110	
47	LCD4	LCD	GPD15	I/O	111	
48	LCD5	LCD	GPD2	I/O	98	
49	LCD6	LCD	GPD3	I/O	99	
50	LCD7	LCD	GPD4	I/O	100	
51	LCD8	LCD	GPD5	I/O	101	
52	LCD9	LCD	GPD6	I/O	102	
53	LCD10	LCD	GPD7	I/O	103	
54	LCD11	LCD	GPC11	I/O	75	
55	LCD12	LCD	GPC12	I/O	76	
56	LCD13	LCD	GPC13	I/O	77	
57	LCD14	LCD	GPC14	I/O	78	
58	LCD15	LCD	GPC15	I/O	79	
59	LCDDCK	LCD	GPC1	I/O	65	
60	LCDDEN	LCD	GPC4	I/O	68	
61	GND					
62	GND					
63	LCDHS	LCD	GPC2	I/O	66	
64	LCDVS	LCD	GPC3	I/O	67	
65	LCDDCC	LCD/PWM	GPB1	I/O	33	J09_18
66	POWLCD	LCD	GPB2	I/O	34	
67	POWCFL	LCD	GPB3	I/O	35	
68	DISPEN	LCD	GPB4	I/O	36	
69	RTS1	COM	GPH11	I/O	235	
70	ELED0	LED				
71	TSPX	TOUCH	AIN9/XP			
72	GND					
73	GND					
74	TSMX	TOUCH	AIN8/XM			
75	TSPY	TOUCH	AIN7/YP			
76	TSMY	TOUCH	AIN6/YM			
77	LOUT	AUDIO				
78	ROUT	AUDIO				
79	LIN	AUDIO				
80	RIN	AUDIO				