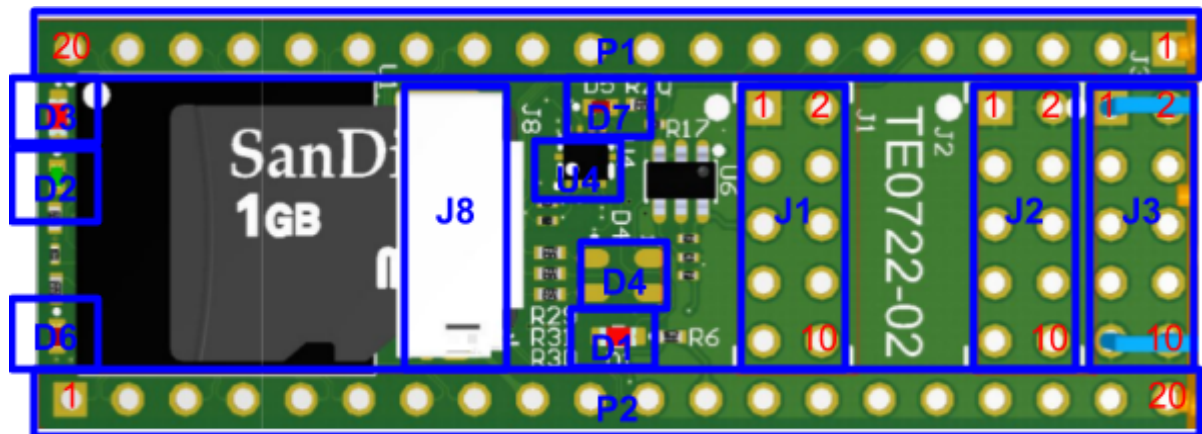


Pin mapping “Trenz TE0722”



P1 (PL I/O)				P2 (PL I/O)			
Pin	PCB Signal	Bank	SoC Pin	Pin	PCB Signal	Bank	SoC Pin
1	P0	34	H13	1	B34_L22_P	34	N7
2	P1	34	H12	2	B34_L22_N	34	N8
3	P2	34	H11	3	B34_L20_P	34	R7
4	P3	34	G11	4	B34_L20_N	34	R8
5	P4	34	J14	5	B34_L13_P	34	N11
6	P5	34	J13	6	B34_L13_N	34	N12
7	P6	34	H14	7	B34_L17_P	34	R12
8	P7	34	G12	8	B34_L17_N	34	R13
9	GND	-		9	GND		
10	XIO	-		10	B34_L12_N	34	M12
11	NRST	-		11	B34_L12_P	34	L12
12	3.3V	-		12	3.3V	34	
13	B35_L5_N	35	F15	13	P24	34	P8
14	B35_L5_P	35	G15	14	P25	34	P9
15	B35_L3_N	35	F14	15	P26	34	M9
16	B35_L3_P	35	F13	16	P27	34	R11
17	B35_L2_N	35	E12	17	P28	34	R10

18	B35_L2_P	35	E11		18	P29	34	R15
19	B35_L1_N	35	E13		19	P30	34	P15
20	B35_L1_P	35	F12		20	P31	34	P14

D4 (RGB LED)			
Pin	PCB Signal	Bank	SoC Pin
R	RGB_R	34	J15
G	RGB_G	34	L14
B	RGB_B	34	K12

J8 (SD card)			
Pin	PCB Signal	Bank	SoC Pin
1	MIO32	PS-MIO	E15
2	MIO33	PS-MIO	C11
3	MIO29	PS-MIO	D11
4	3.3V		
5	MIO28	PS-MIO	A15
6	GND		
G1	NC		
G2	GND		
G3	GND		
G4	MIO49	PS-MIO	D13

D2 (PS I/O green LED)			
Pin	PCB Signal	Bank	SoC Pin
Cat	MIO7	PS-MIO	D9

D6 (Inverted flash done green LED)			
Pin	PCB Signal	Bank	SoC Pin

Cat	Done	-	M7
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D1, D3, D5, U4 (Proximity and ambient light sensor)

Pin	PCB Signal	Bank	SoC Pin
SCL	MIO36	PS-MIO	B14
SDA	MIO37	PS-MIO	C14
INT	MIO39	PS-MIO	D11

J1 (PL I/O)

Pin	PCB Signal	Bank	SoC Pin
1	GND		
2	GND		
3	X2A	34	M14
4	X2B	34	L15
5	3.3V		
6	3.3V		
7	X2C	34	M11
8	X2D	34	N14
9	X2E	34	P11
10	X2F	34	P10

J2 (XMOD JTAG AND UART)

Pin	PCB Signal	Bank	SoC Pin
1	GND		
2	GND		
3	B34_L4_N	34	K15
4	TCK		
5	3.3V		

6	3.3V		
7	B34_L10_P		L13
8	TMS		
9	TDI		
10	TDO		

J3 (JTAG/UART)			
Pin	PCB Signal	Bank	SoC Pin
1	GND		
2	GND		
3	X1A		M15
4	X1B		M10
5	3.3V		
6	3.3V		
7	X1C		N13
8	X1D		P13
9	GND		
10	GND		

Reference

<https://shop.trenz-electronic.de/en/TE0722-02-DIPFORTy1-Soft-Propeller-with-Xilinx-Zynq-7010-and-16-MByte-Flash?c=348>

<https://wiki.trenz-electronic.de/display/PD/TE0722+TRM>

<https://wiki.trenz-electronic.de/display/PD/TE0722+Getting+Started>