

Pin	Funktion	Waveshare- Display	Robotling	Robotling neu
1	GP0		I2C0 SD	
2	GP1		I2C0 SCL	
3	GND			
4	GP2	Joy U	M2 PWM	
5	GP3	Joy S	D0	X-Shut Links
6	GP4		Tx	
7	GP5		Rx	
8	GND			
9	GP6			M2 PWM
10	GP7			M1 PWM
11	GP8	Data/Cmd		
12	GP9	SPI CS	D2-J4	
13	GND			
14	GP10	SPI Clk	M1 PWM	
15	GP11	SPI Data	LED	
16	GP12	Reset		
17	GP13	BL		
18	GND			
19	GP14			D2-J4
20	GP15	A		
21	GP16	Joy L		
22	GP17	B		
23	GND			
24	GP18	Joy D		
25	GP19			LED
26	GP20	Joy R		
27	GP21		M3 PWM	
28	GND			
29	GP22		D1	X-Shut Rechts
30	Run			
31	GP26		Ai0	
32	GP27		Ai1	
33	GND			
34	GP28		Ai2	
35	ADCreff			
36	3V3Out		3V	
37	3V3_En			
38	GND			
39	Vsys			
40	Vbus			
	LED			
	Bat			