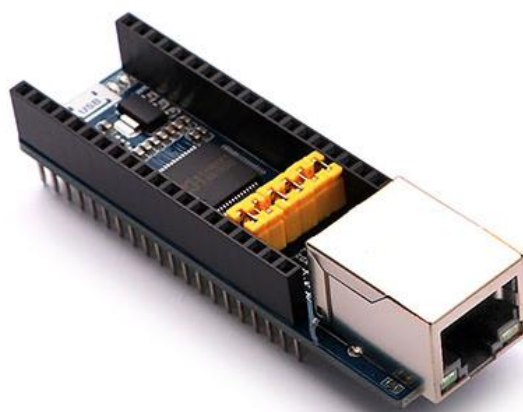


RaspberryPi

Ethernet to UART Converter for Raspberry Pi Pico, 10/100M Ethernet

User Manual



Raspberry Pi Pico Header Compatibility:

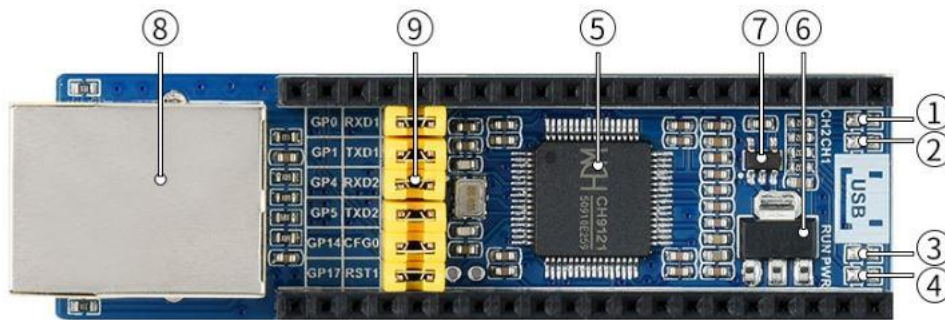
- Onboard Female Pin Header for Direct Attaching To Raspberry Pi Pico.
- Breakout Key Pins, For Use With Other Host Boards.



* Please correctly connect the Module and Raspberry Pi Pico as the picture shown.



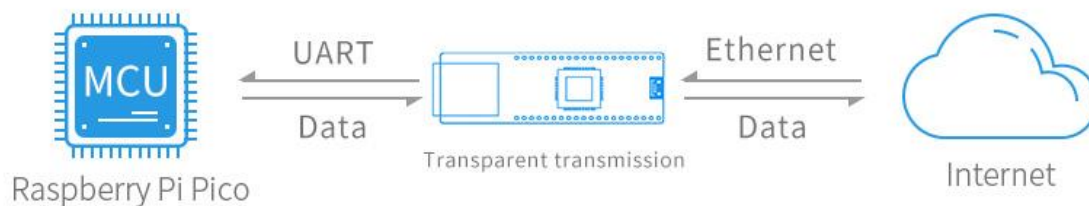
What's on Board:



- | | |
|------------------------------------|--|
| 1. UART 2 connection indicator | 6. AMS1117-3.3V power IC |
| 2. UART 1 connection indicator | 7. RT9193-18GB power IC |
| 3. CH9121 running status indicator | 8. Ethernet connector |
| 4. Power indicator | 9. Interface pin configuration jumpers |
| 5. CH9121 driver chip | |

Application Scenario:

Four Operating Modes: TCP CLIENT, TCP SERVER, UDP CLIENT, UDP SERVER



Pinout Definition:

GP0	1	40	VBUS	VSYS	Power supply
GP1	2	39	VSYS	GND	Ground
GND	3	38	GND	GP0	RXD1
GP2	4	37	3V3_EN	GP1	TXD1
GP3	5	36	3V3(OUT)	GP4	RXD2
GP4	6	35	ADC_VREF	GP5	TXD2
GP5	7	34	GP28	GP14	CFG0
GND	8	33	GND	GP17	RST1
GP6	9	32	GP27		
GP7	10	31	GP26		
GP8	11	30	RUN		
GP9	12	29	GP22		
GND	13	28	GND		
GP10	14	27	GP21		
GP11	15	26	GP20		
GP12	16	25	GP19		
GP13	17	24	GP18		
GND	18	23	GND		
GP14	19	22	GP17		
GP15	20	21	GP16		

