

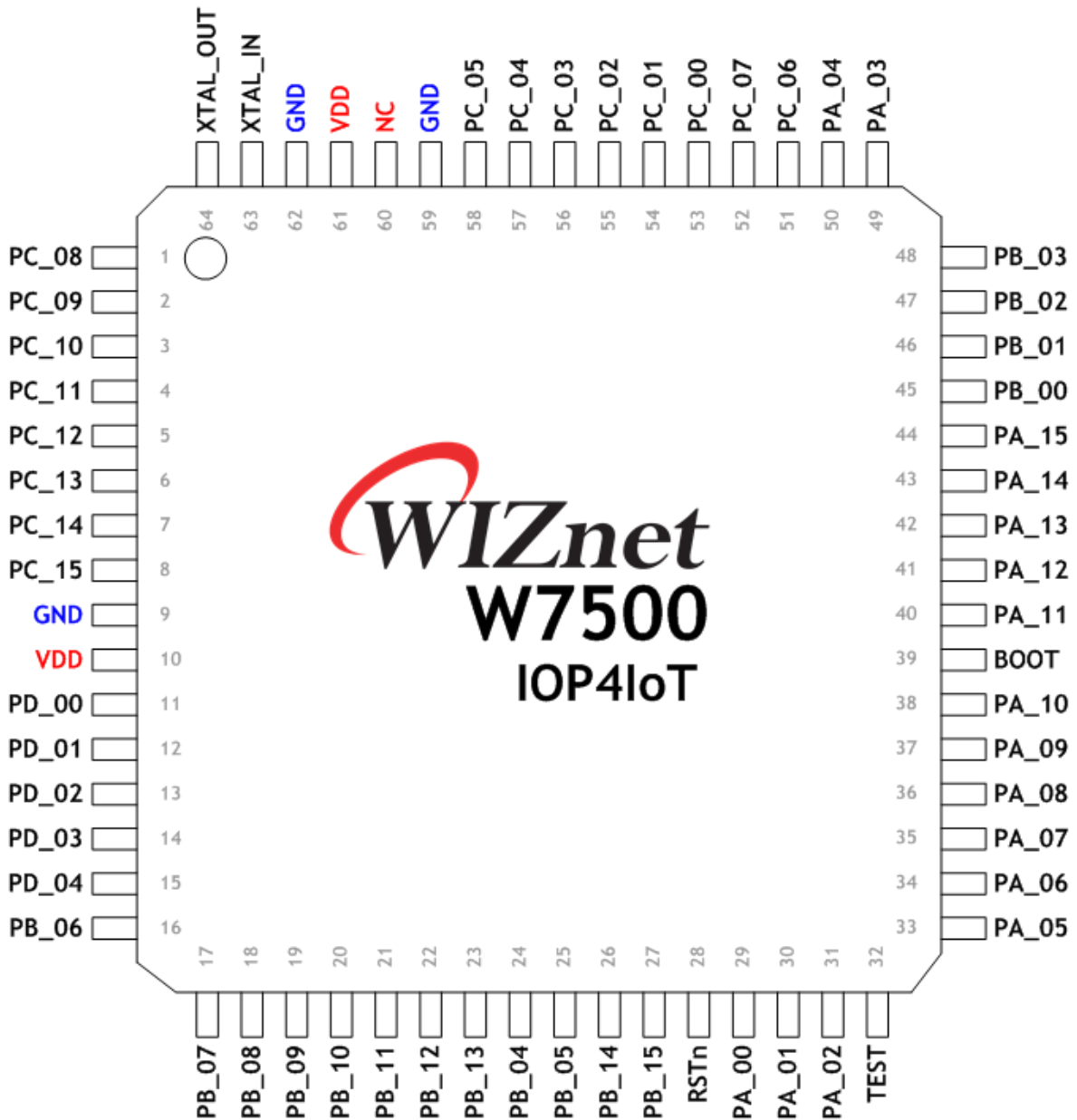
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Pin Assignment

Pin Layout

W7500 Pin Layout



Pin Description

Pin	Symbol	Type	Description			
			Main	2nd	3rd	4th
1	PC_08	AIO	PWM0 / CAP0	GPIO3_8	SCL0	AIN7
2	PC_09	AIO	PWM1 / CAP1	GPIO3_9	SDA0	AIN6
3	PC_10	AIO	U_TXD2	GPIO3_10	PWM2 / CAP2	AIN5
4	PC_11	AIO	U_RXD2	GPIO3_11	PWM3 / CAP3	AIN4

Pin	Symbol	Type	Description			
			Main	2nd	3rd	4th
5	PC_12	AIO	AIN3	GPIO3_12	SSEL0	AIN3
6	PC_13	AIO	AIN2	GPIO3_13	SCLK0	AIN2
7	PC_14	AIO	AIN1	GPIO3_14	MISO0	AIN1
8	PC_15	AIO	AIN0	GPIO3_15	MOSI0	AIN0
9	GND	GND	Ground			
10	VDD	PWR	VDD			
11	PD_00	IO	CRS/TXD3	GPIO4_0		
12	PD_01	IO	RXDV/TXD2	GPIO4_1		
13	PD_02	IO	RXD0/TXD1	GPIO4_2		
14	PD_03	IO	RXD1/TXD0	GPIO4_3		
15	PD_04	IO	RXD2/TXCLK	GPIO4_4		
16	PB_06	IO	RXD3/DUP	GPIO2_6		
17	PB_07	IO	RXCLK/RXCLK	GPIO2_7		
18	PB_08	IO	DUP/RXD3	GPIO2_8		
19	PB_09	IO	TXCLK/RXD2	GPIO2_9		
20	PB_10	IO	TXD0/RXD1	GPIO2_10		
21	PB_11	IO	TXD1/RXD0	GPIO2_11		
22	PB_12	IO	TXD2/RXDV	GPIO2_12		
23	PB_13	IO	TXD3/CRS	GPIO2_13		
24	PB_04	IO	TXEN	GPIO2_04		
25	PB_05	IO	COL	GPIO2_05		
26	PB_14	IO	MDIO/MDC	GPIO2_14		
27	PB_15	IO	MDC/MDIO	GPIO2_15		
28	RSTn	I	RSTn			
29	PA_00	IO	GPIO1_0	GPIO1_0	PWM6/CAP6	
30	PA_01	IO	TXD0/RXD1	GPIO1_1	PWM7/CAP7	
31	PA_02	IO	GPIO1_2	GPIO1_2	CLKOUT	
32	TEST	GND	Ground			
33	PA_05	IO	SSEL0	GPIO1_5	SCL1	PWM2/CAP2
34	PA_06	IO	SCLK0	GPIO1_6	SDA1	PWM3/CAP3
35	PA_07	IO	MISO0	GPIO1_7	U_CTS1	PWM4/CAP4
36	PA_08	IO	MOSI0	GPIO1_8	U_RTS1	PWM5/CAP5
37	PA_09	IO	SCL0	GPIO1_9	U_TXD1	PWM6/CAP6
38	PA_10	IO	SDA0	GPIO1_10	U_RXD1	PWM7/CAP7
39	BOOT	IO	BOOT			
40	PA_11	IO	U_CTS0	GPIO1_11	SSEL1	
41	PA_12	IO	U_RTS0	GPIO1_12	SCLK1	
42	PA_13	IO	U_TXD0	GPIO1_13	MISO1	
43	PA_14	IO	U_RXD0	GPIO1_14	MOSI1	
44	PA_15	IO	GPIO1_15	GPIO1_15		
45	PB_00	IO	SSEL1	GPIO2_0	U_CTS0	
46	PB_01	IO	SCLK1	GPIO2_1	U_RTS0	
47	PB_02	IO	MISO1	GPIO2_2	U_TXD0	
48	PB_03	IO	MOSI1	GPIO2_3	U_RXD0	
49	PA_03	IO	SWCLK	GPIO1_3		PWM0/CAP0
50	PA_04	IO	SWDIO	GPIO1_4		PWM1/CAP1
51	PC_06	IO	GPIO3_6	GPIO3_6	U_TXD2	
52	PC_07	IO	GPIO3_7	GPIO3_7	U_RXD2	

Pin	Symbol	Type	Description			
			Main	2nd	3rd	4th
53	PC_00	IO	U_CTS1	GPIO3_0	PWM0/CAP0	
54	PC_01	IO	U_RTS1	GPIO3_1	PWM1/CAP1	
55	PC_02	IO	U_TXD1	GPIO3_2	PWM2/CAP2	
56	PC_03	IO	U_RXD1	GPIO3_3	PWM3/CAP3	
57	PC_04	IO	SCL1	GPIO3_4	PWM4/CAP4	
58	PC_05	IO	SDA1	GPIO3_5	PWM5/CAP5	
59	GND	GND	Ground			
60	NC	NC	Not Connected			
61	VDD	PWR	VDD			
62	GND	GND	Ground			
63	XTAL_IN	I	Xtal in			
64	XTAL_OUT	O	Xtal out			

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