## **VERSION HISTORY**

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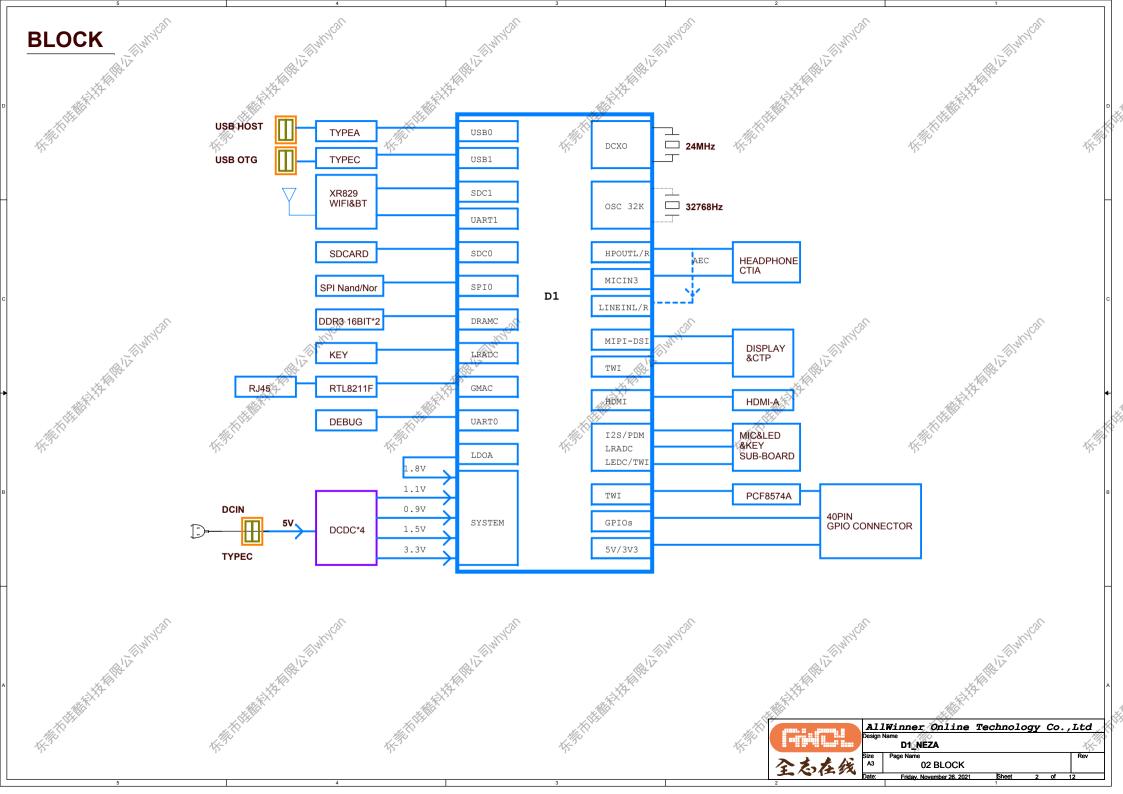
P12 WIFI/MIPI DSI

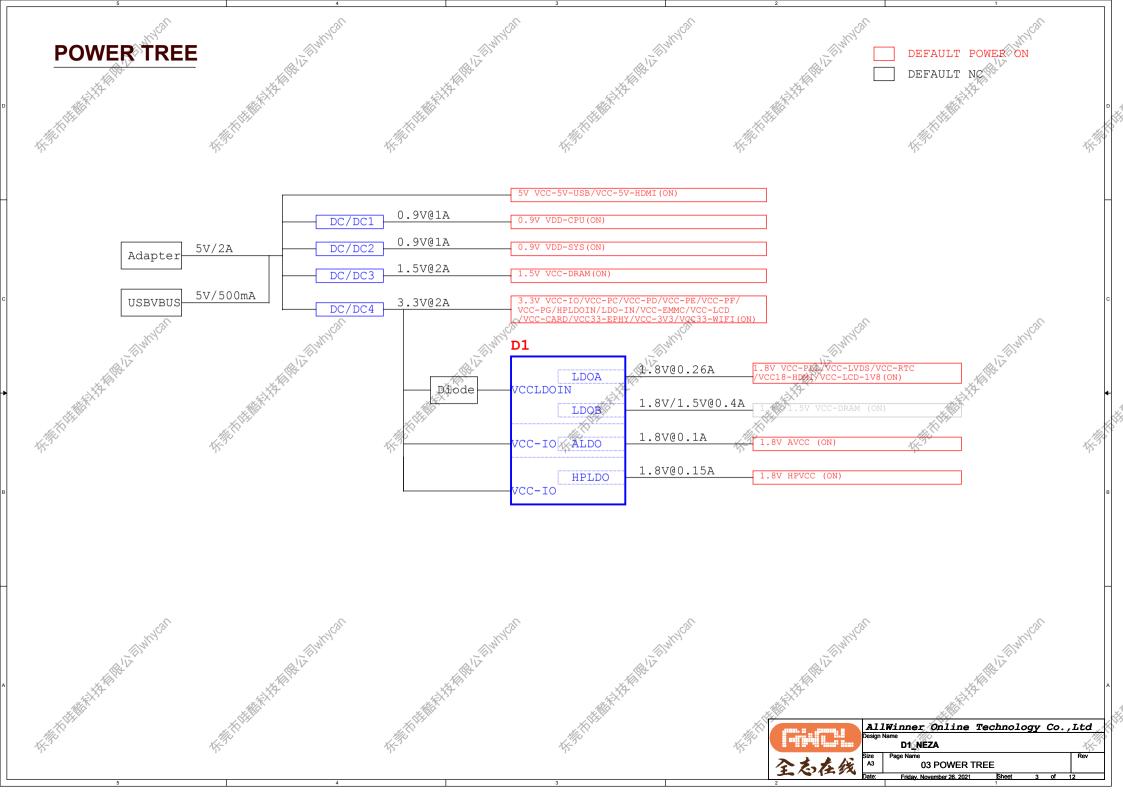
14-7

Revision Description Date Drawn Ver 1.0 Releas version 2021/05/10 AWOL010 update VDD-SYS , HDMI-I2C Ver 1.1 2021/11/24 AWOL010 2021/11/26 update HDMI-I2C . HDMI-CEC Ver 1.2 AWOL010

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01 VERSION HISTORY





## **GPIO ASSIGNMENT**

## 40 PIN CONNECTOR

	TX TX			× -				CHY TO		TXXX.	•
X	FUNCTION3	FUNCTION2	DEFAULT	SOC.No	PIN		PIN	SOC.No	DEFAULT	FUNCTION2	FUNCTION3
<b>%</b>			3V3_//		1	X	<i>[1</i> /2]		5V	/////\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
		TWI2-SDA	GPIO1	PB1	3		4		5V	1,	
		TWI2-SCK	GPIO2	PB0	5		6		GND		
	IR-RX	PWM	GPIO3	PD22	7		8	PB8	GPIO4	UART0-TXD	
			GND		9		10	PB9	GPIO5	UARTO-RXD	
			GPIO6	PP7	11		12	PB5	GPIO7	I2S2-BCLK	UART5-RX
			GPIO8	PP0	13		14		GND		
	PWM	IR-RX	GPIO9	PB12	15		16	PP1	GPIO10		
			3V3		17		18	PP2	GPIO11		
		SPI1-MOSI	GPIO12	PD12	19		20		GND		
	UART3-RTS	SPI1-MISO	GPIO13	PD13	21		22	PP4	GPIO14		July J.
	UART3-RX	SPI1-CLK	GPIO15	PD11	23		24	PD10	GPIO16	SPI1-CE0	UART3-TX
	TA TON		GND	XX (II)	25		26	PP3	GPIO17		X (A)
	UART3-CTS	SPI1-HOLD	GPIO18	PD14	27		28	PP5	GPIO19		>'
	IR-RX	SPI1-WP	GPIO20	PD15	29		30		GND	XXXXX	
			GP1021	PC1	31	X	32	PE17	NC	IR-TX	
			NC		33		34		GND		
	PWM	I2S2-LRCK	GPIO22	PB6	35		36		NC		
			GPIO23	PP6	37		38	PB3	GPIO24	I2S2-DIN	
			GND		39		40	PB4	GPIO25	I2S2-DOUT	UART5-TX

备注: PP0~PP7为PCF8574A扩展GPIO

30 PIN CONNECTOR

	AXX.		N. W. W.				
	PIN	SOC.No	DMIC	AMIC			
	1		GND /	GND			
	2	PB10	DMIC-D1	TWI0-SCK			
	3	PB11	DMIC-D0	TWI0-SDA			
	4	PB7	NC	I2S2-MCLK			
	5	PB5	NC	I2S2-BCLK			
	6	PB6	NC	I2S2-LRCK			
	7	PB3	NC	I2S2-DINO			
	8-10		NC	NC			
	11	LRADC	LRADC	LRADC			
	12	PB10	CDMIC-D1	NC			
	13	NIN'S	GND	GND			
	14-20	WIV.	NC	NC			
	21 <sub>×</sub>		GND	GND A			
	22-25		5V	5V.			
	26		3V3	<b>3</b> ₹3			
	27	PD17	DMIC-D2	NC			
	28	PE17	DMIC-CLK	NC			
	29	PD20	LEDC	LEDC			
	30		GND	GND			

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