## **VERSION HISTORY**

## Index:

Ver 2.0 Release Version 2020-12-4

Description

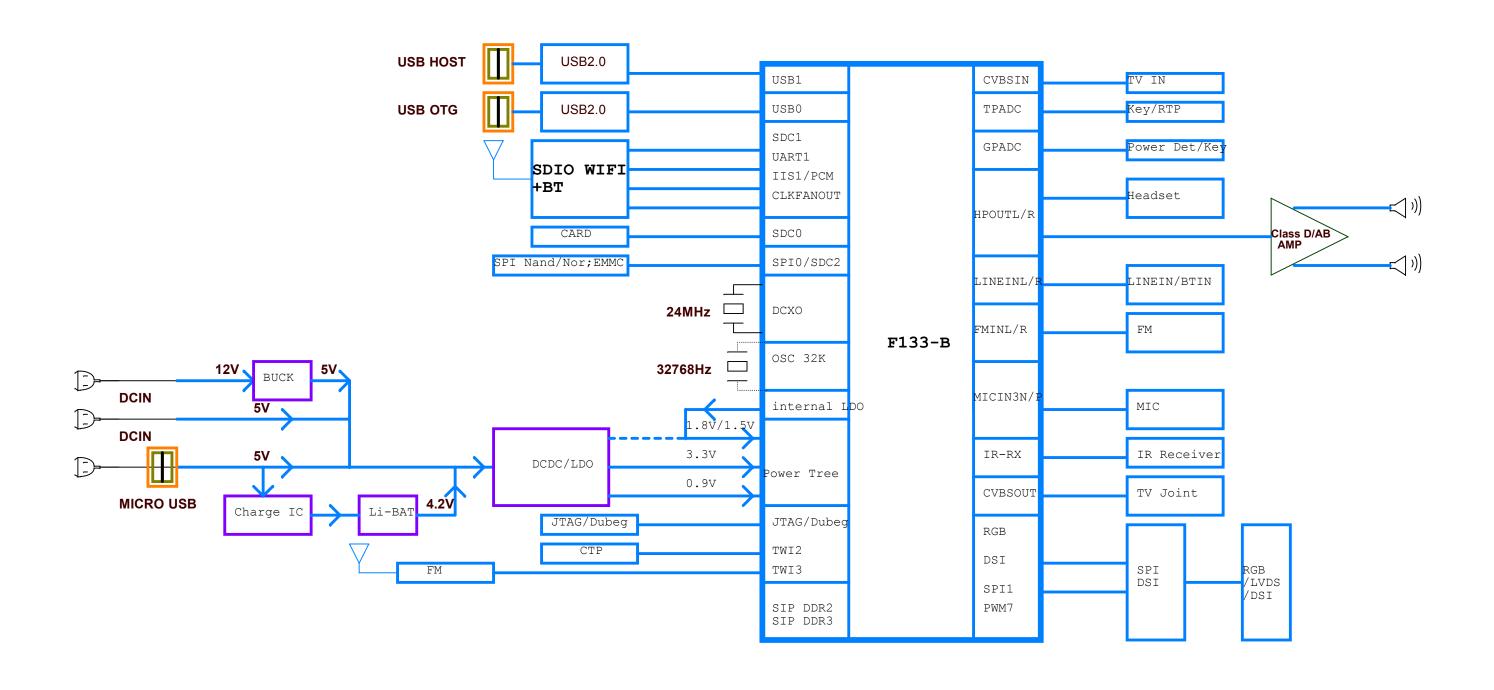
P01 VERSION HISTORY
P02 BLOCK DIAGRAM
P03 POWER TREE
P04 GPIO ASSIGNMENT
P05 POWER1
P06 POWER2
P07 SOC
P08 FLASH
P09 LCD
P10 AUDIO
P11 CARD USB
P12 WIFI
P13 TV IR KEY TWI URAT JTAG

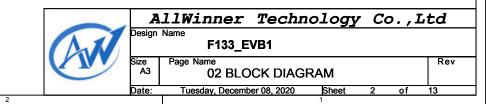
Revision

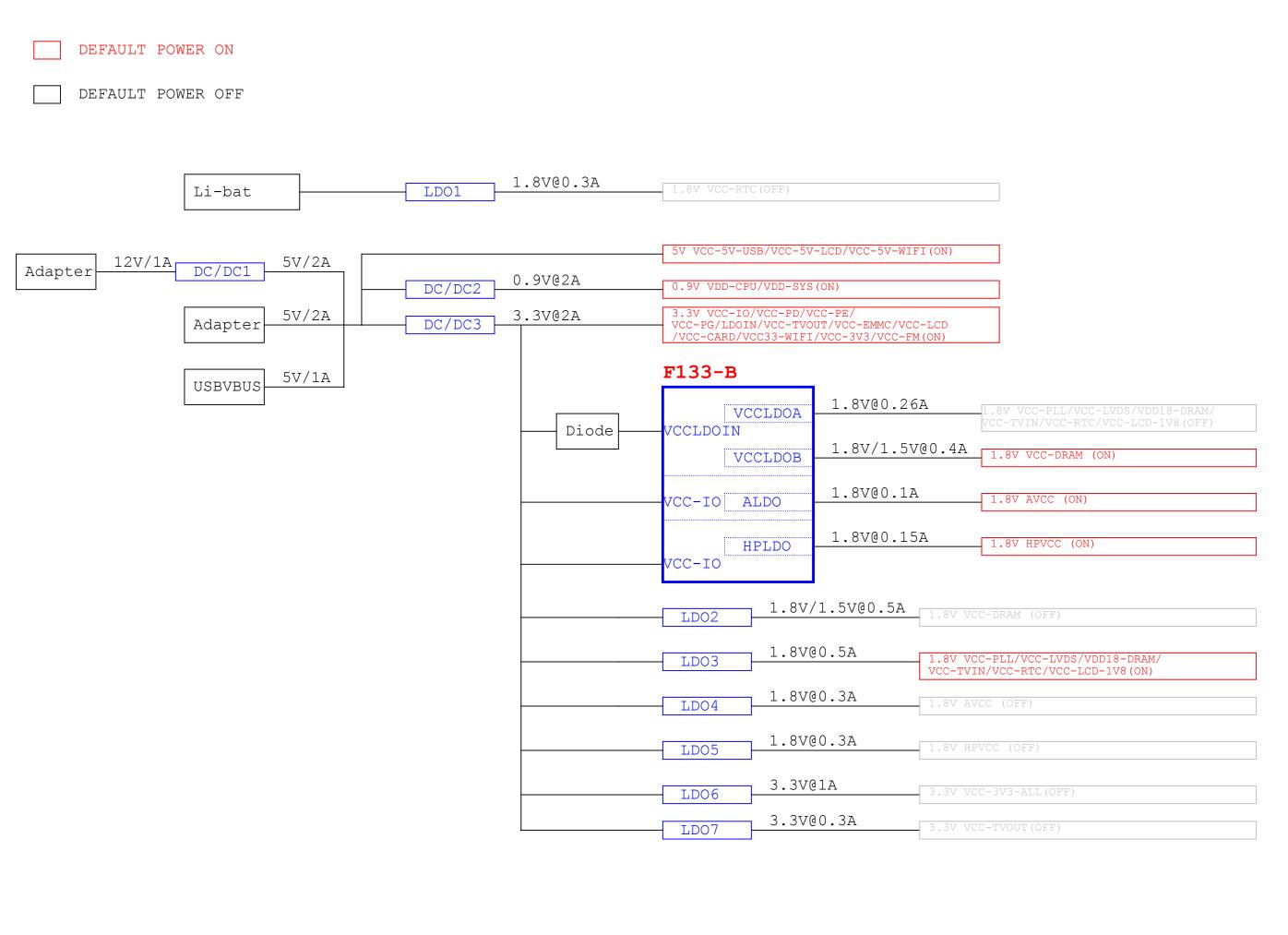
Drawn Checked Approved

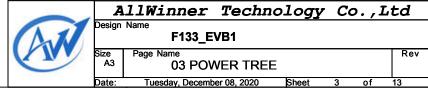
Date

**BLOCK** 



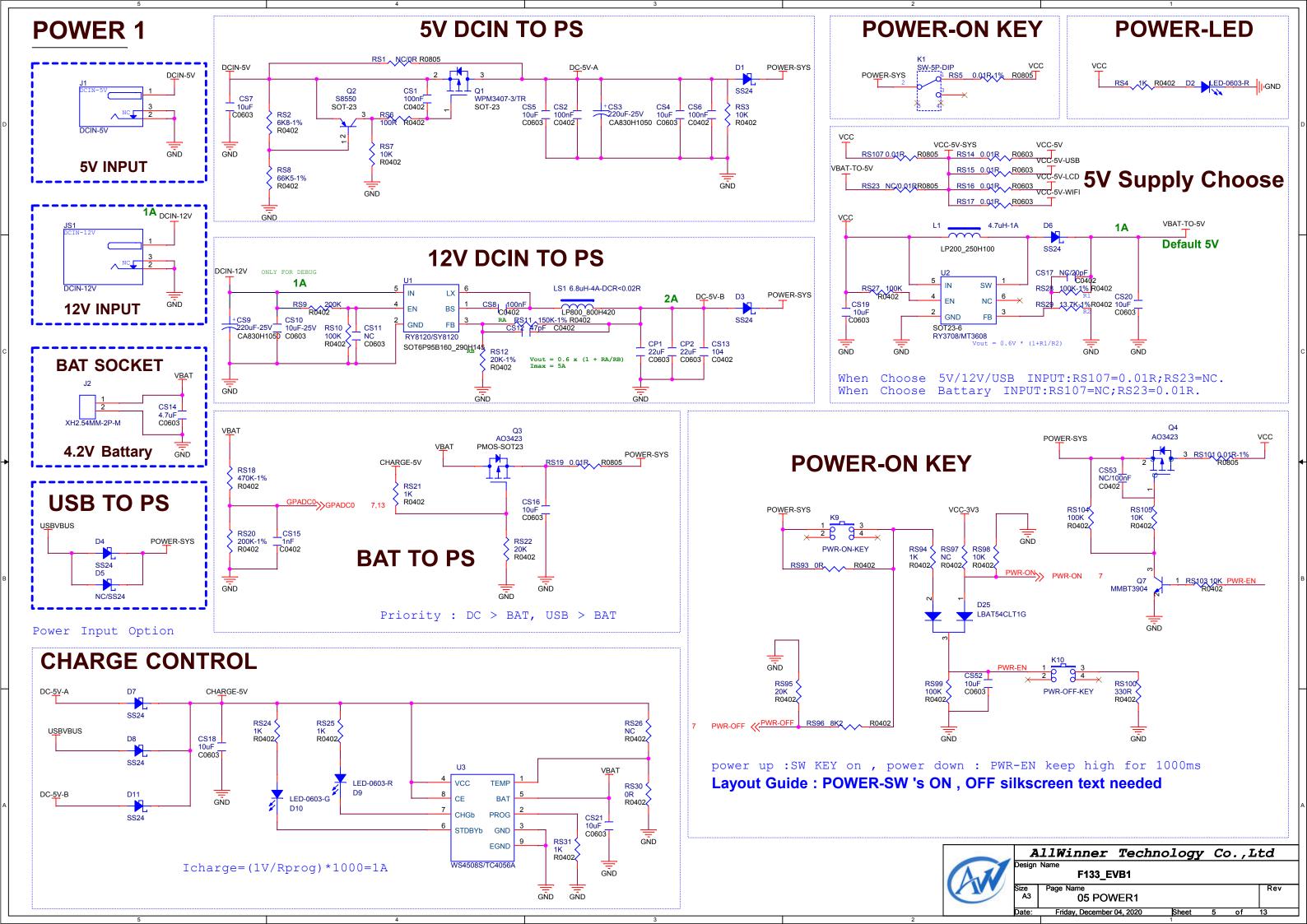




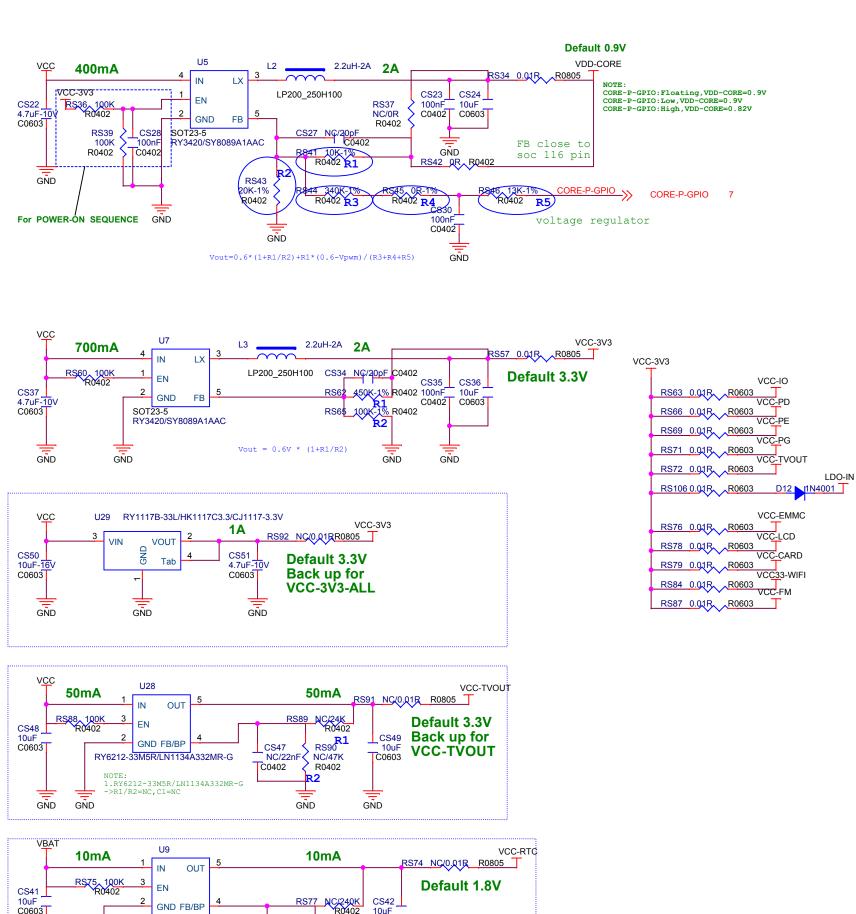


## **GPIO ASSIGNMENT**

Pin Number	Pin Name	Signal Type	Multi2	Multi3	Multi4	Multi5	Multi6	Multi7	Multi8	Multi14
1	PG6	I/O	UART1_TX	TW12_SCK	RGMI_TXD2	PWM1				PG_EINT6
2	PG7	I/O	UART1_RX	TW12_SDA	RGMI_TXD3	SPDIF_IN				PG_EINI7
3	PG8	I/O	UART1_RTS	TW1_SCK	RGMI_RXD2	UART3_TX				PG_EINI8
4	PG9	I/O	UART1_CTS	TW1_SDA	RGMI_RXD3	UART3_RX				PG_EINI9
5	PG10	I/O	PWMB	TW3_SCK	RGMI_RXCK	CLK_FANOU	IR_RX			PG_EINT10
6	PG11	I/O	I2S1_MCLK	TWI3_SDA	EPHY_25M	CLK_FANOU	TCON_TRIG			PG_EINT11
7	PF0	I/O	SDC0_D1	JTAG_MS	R_JTAG_MS	I2S2_DOUT1	12S2_DIN0			PF_EINIO
8	PF1	I/O	SDC0_D0	ЛАG_DI	R_JTAG_DI	12S2_DOUT0	12S2_DIN1			PF_EINT1
9	PF2	I/O	SDC0_CLK	UARTO_TX	TWIO_SCK	LEDC_DO	SPDIF_IN			PF_EINI2
10	PF3	I/O	SDC0_CMD	ЛАG_DO	R_JTAG_DO	I2S2_BCLK				PF_EINI3
11	PF4	I/O	SDC0_D3	UARTO_RX	TWIO_SDA	PWM6	IR_TX			PF_EINT4
12	PF5	I/O	SDC0_D2	ЛА <u>С</u> СК	R_JTAG_CK	I2S2_LRCK				PF_EINI5



## POWER 2



RS80

R0402

GND

NC/22nF \ NC/470K

GND

CS43

C0402

RY6212-18M5R/SGM2040-1.8YN5G/TR

OTE: .RY6212-18M5R/SGM2040-1.8YN5G/TF

R1/R2=NC, C1=NC

GND

GND

