

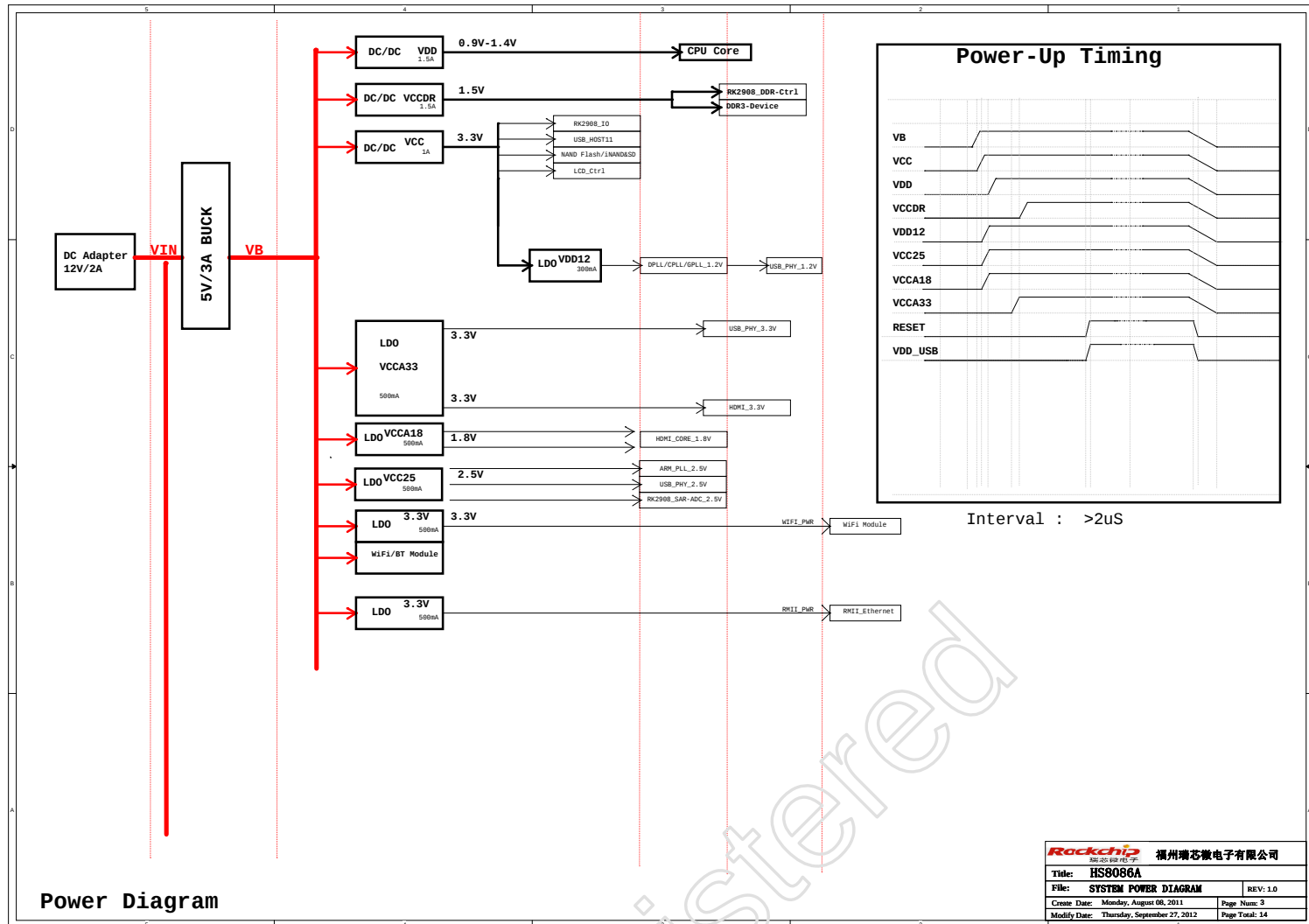
Version	Date	Author	Change Note	Approved
V1.0	20111201			

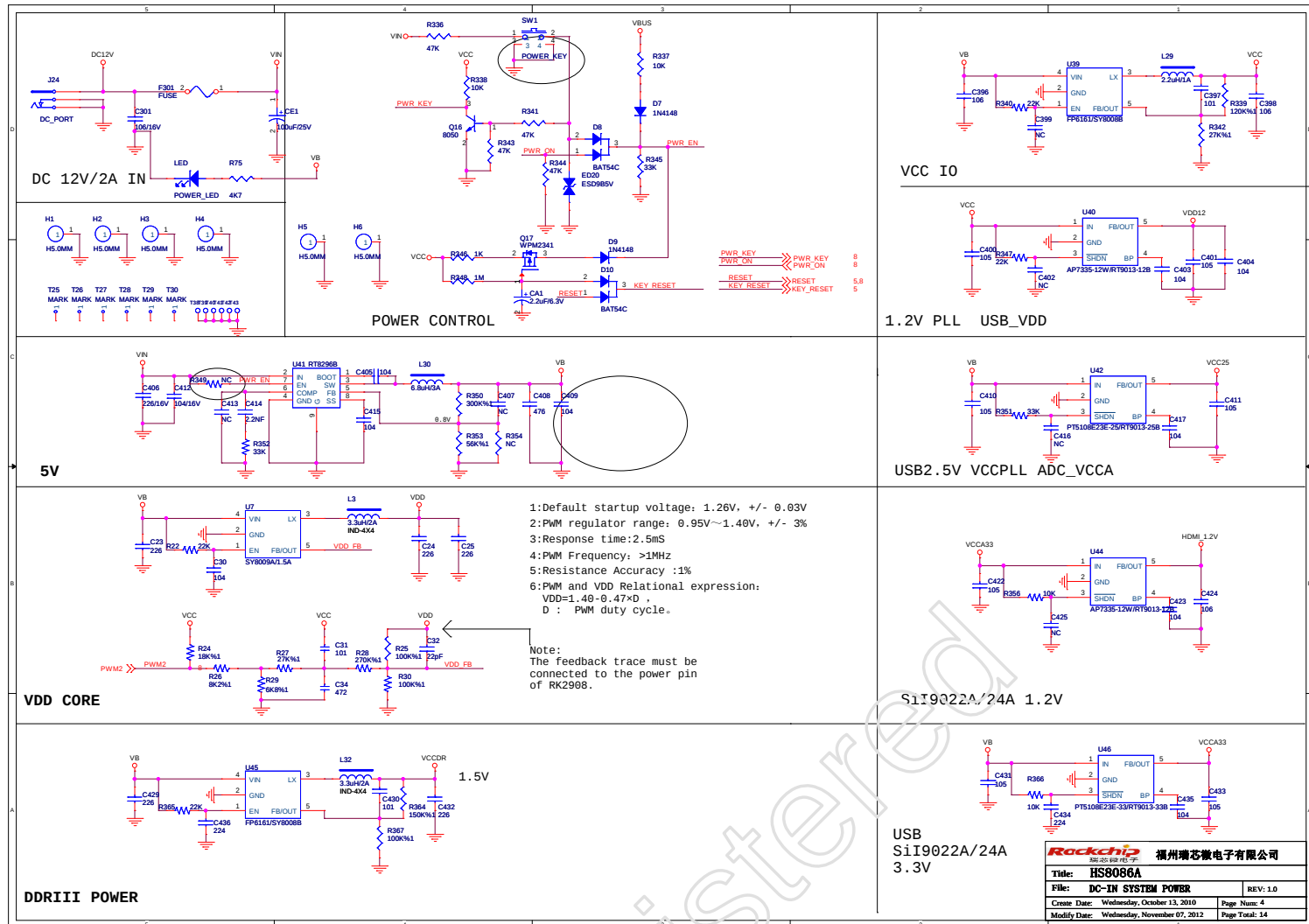
01. INDEX
02.Block Diagram
03.SYSTEM POWER DIAGRAM
04.DC-IN & SYSTEM POWER
05.USB OTG2.0&RTC
06.DDRIII
07.NAND Flash
08.GPIO&POWER-IN
09.HDMI OUT
10.RMII_Ethernet
11.USB WIFI&2.4G Remote

NOTES:

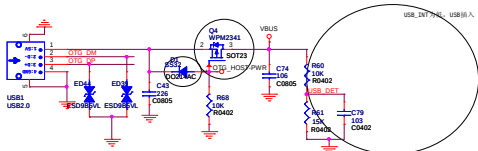
- 1.I2C0, I2C1 only used for the regular power supply module ;
- 2.UART1 only use for debugging;
- 3.The IO be defauled as input port, please note that the pull-up port can not be set to pull-down function;
the drop-down port can not be set to pull-up function;
- 4.The default status of GPIO please reference RK2918 IO list from ROCKCHIP;

Rockchip 福州瑞芯微电子有限公司	
Title: HS8086A	
File: Modify note	REV:1.0
Create Date: Saturday, October 23, 2010	Page Num:1
Modify Date: Thursday, September 27, 2012	Page Total:34





USB OTG 2.0 Device



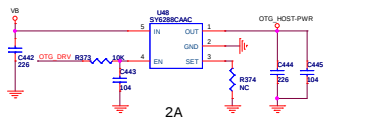
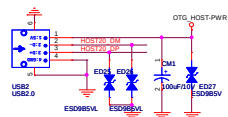
USB OTG

Truth Table

S	OE	Function
X	H	Disconnect
L	L	D+ D- = HED1 ₁
H	L	D+ D- = HED2 ₁

HOST And Device Switch

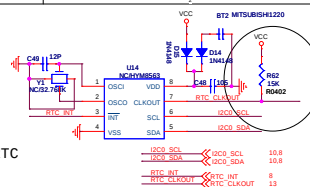
USB HOST



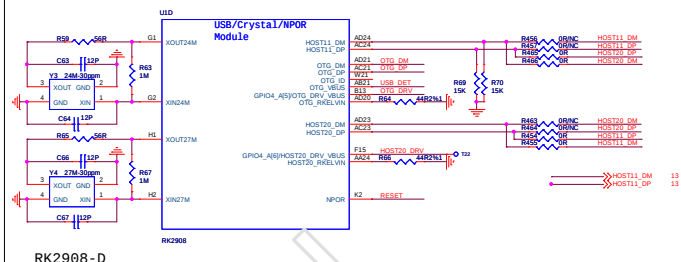
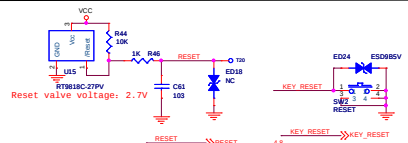
2A

USB OTG HUB

RTC

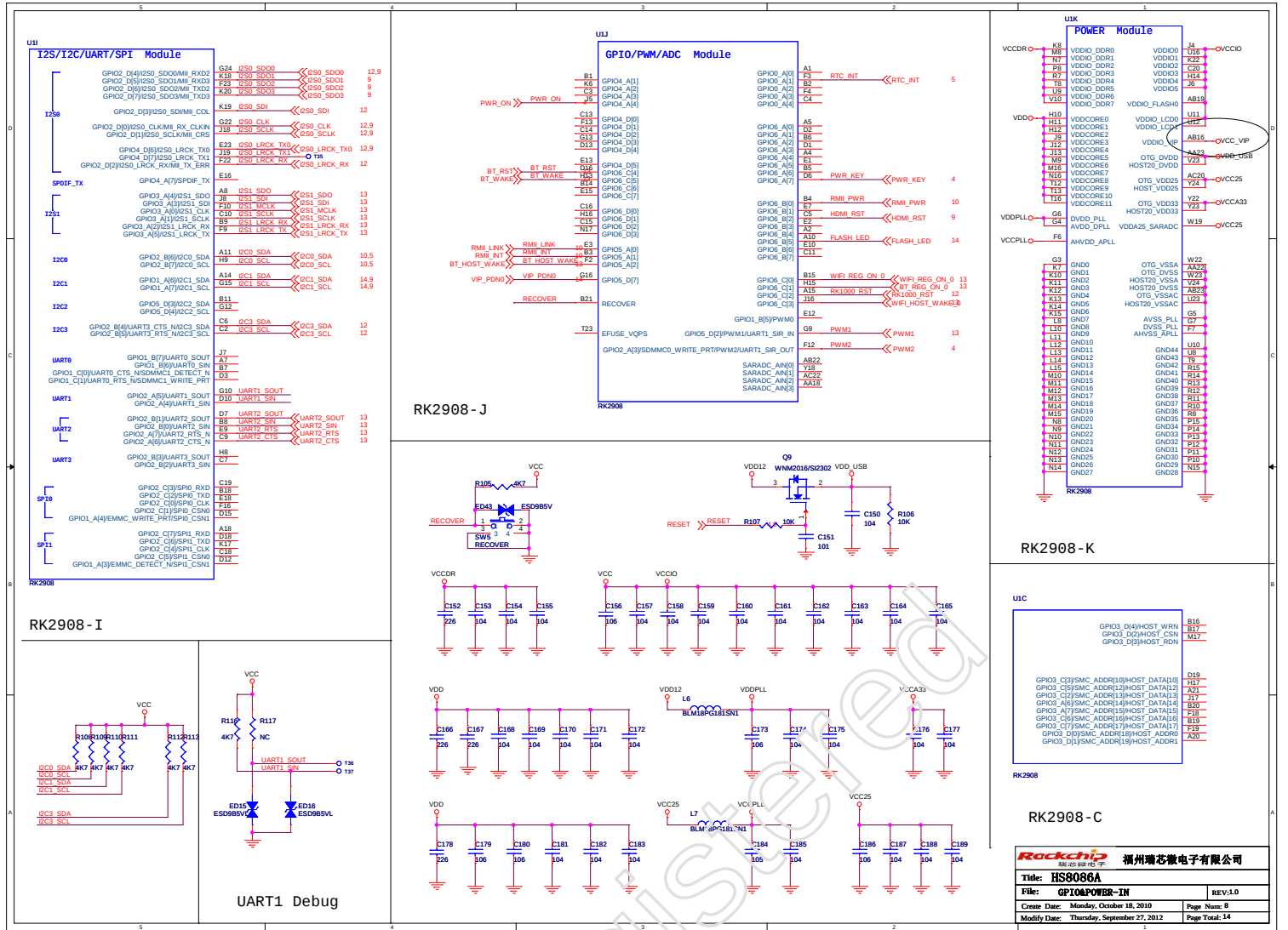


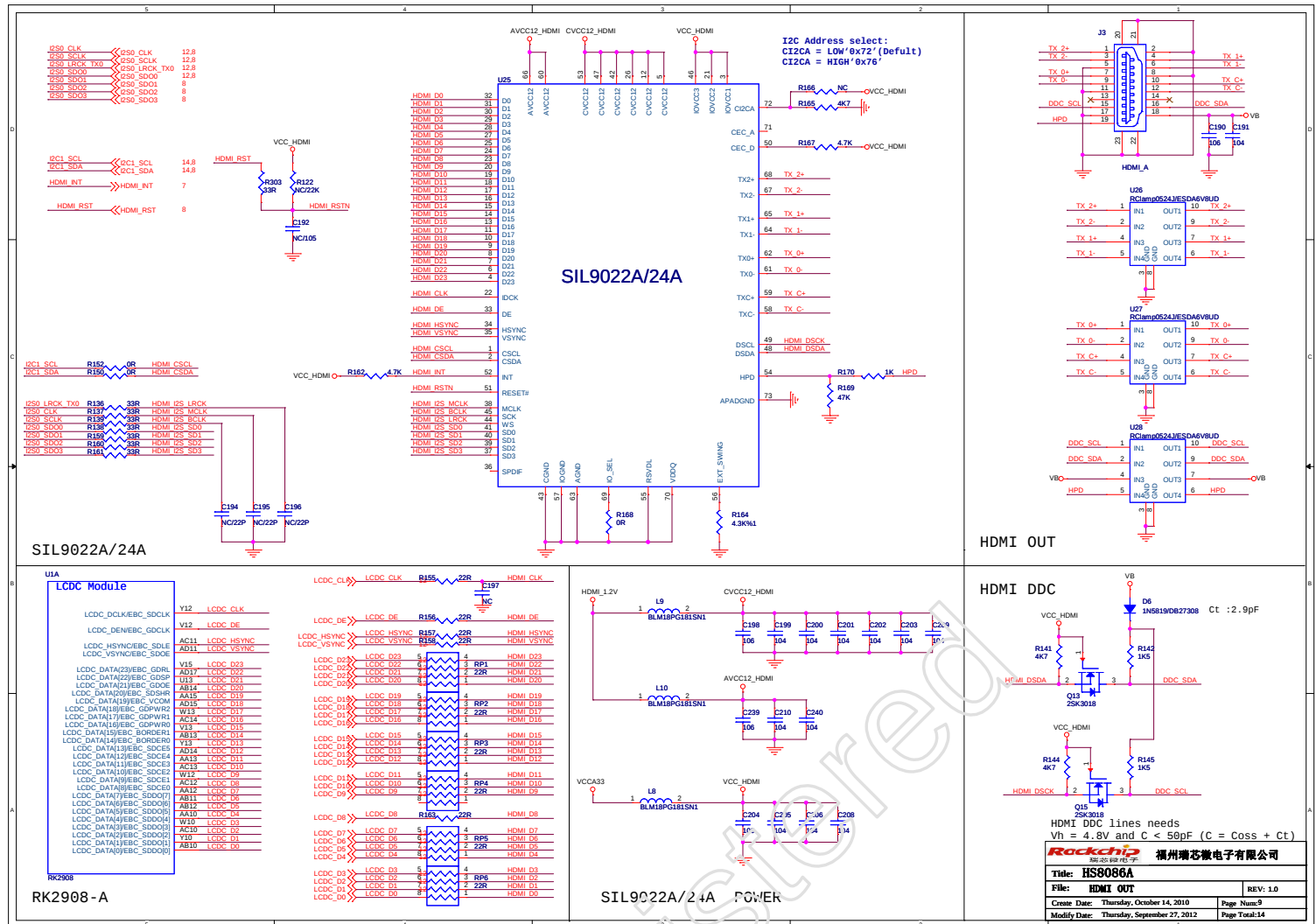
RESET

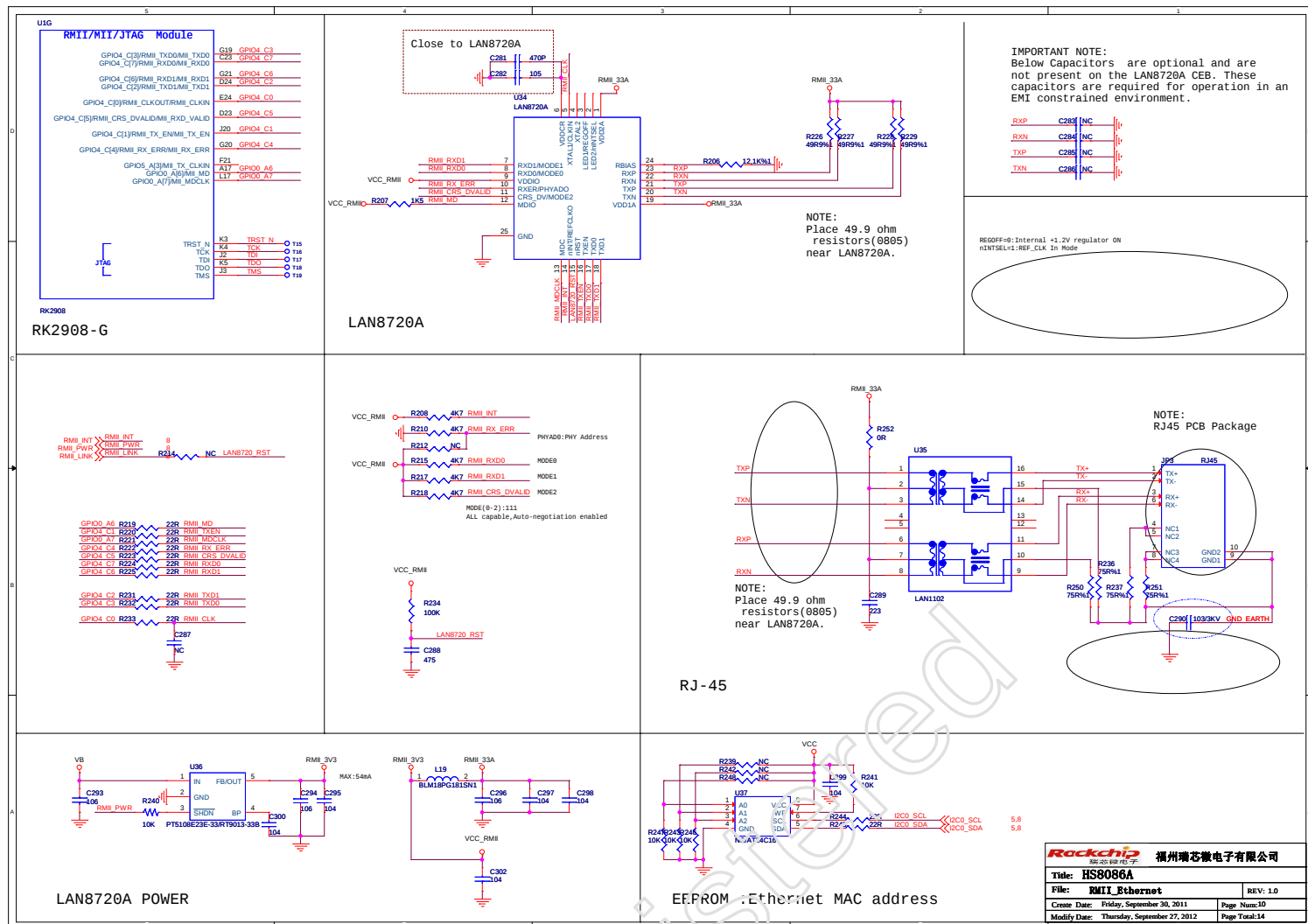


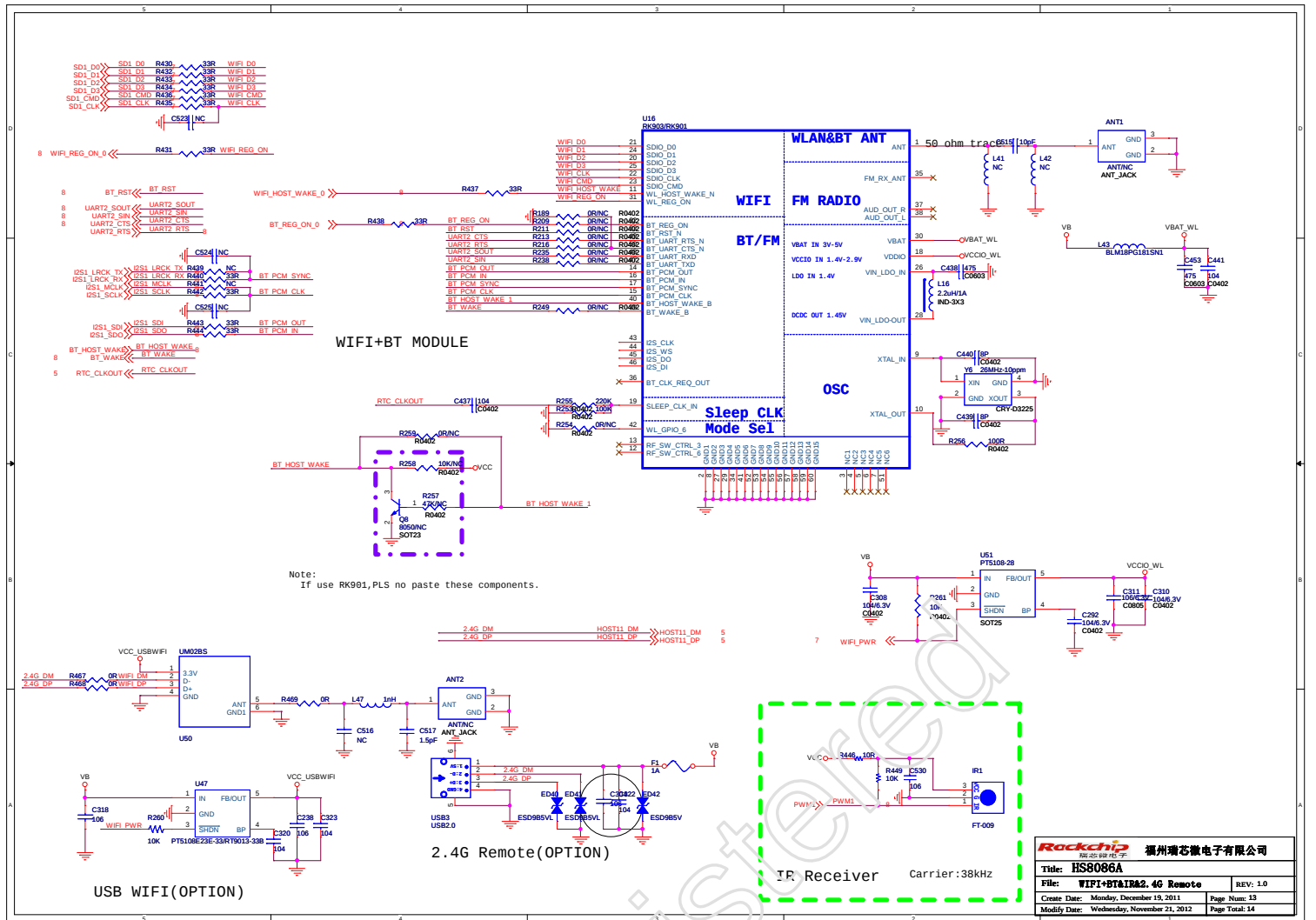
RK2908-D

Rockchip		福州瑞芯微电子有限公司	
Title: HS8098A		REV:1.0	
File: USB_OTG2_0		Page: 10 of 14	
Create Date: Wednesday, October 13, 2010		Page: 10 of 14	
Modify Date: Wednesday, November 07, 2012		Page: 10 of 14	









Rockchip 福州瑞芯微电子股份有限公司	
Title: HS8086A	
File: WIFI+BT&IR2.4G Remote	
Create Date: Monday, December 19, 2011	Page Num: 13
Modify Date: Wednesday, November 21, 2012	Page Total: 14

