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PCB POWER WIRE WIDTH INDICATE



above 80 miles above 50 miles above 30 miles

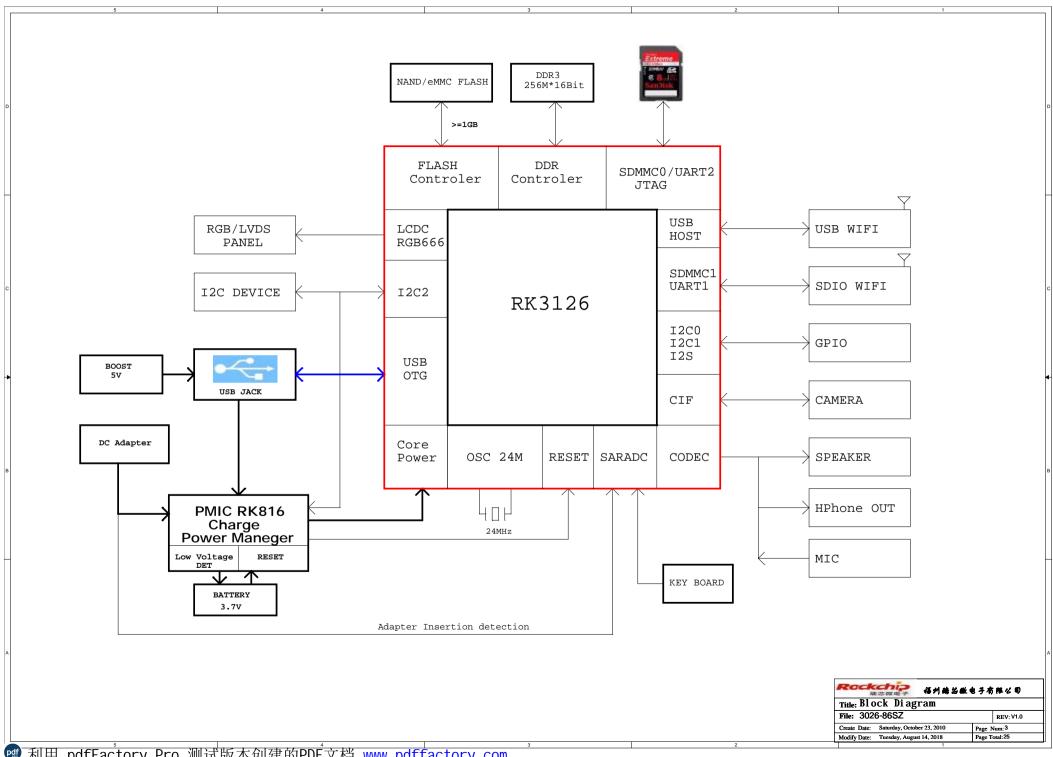
above 16 miles Under needs

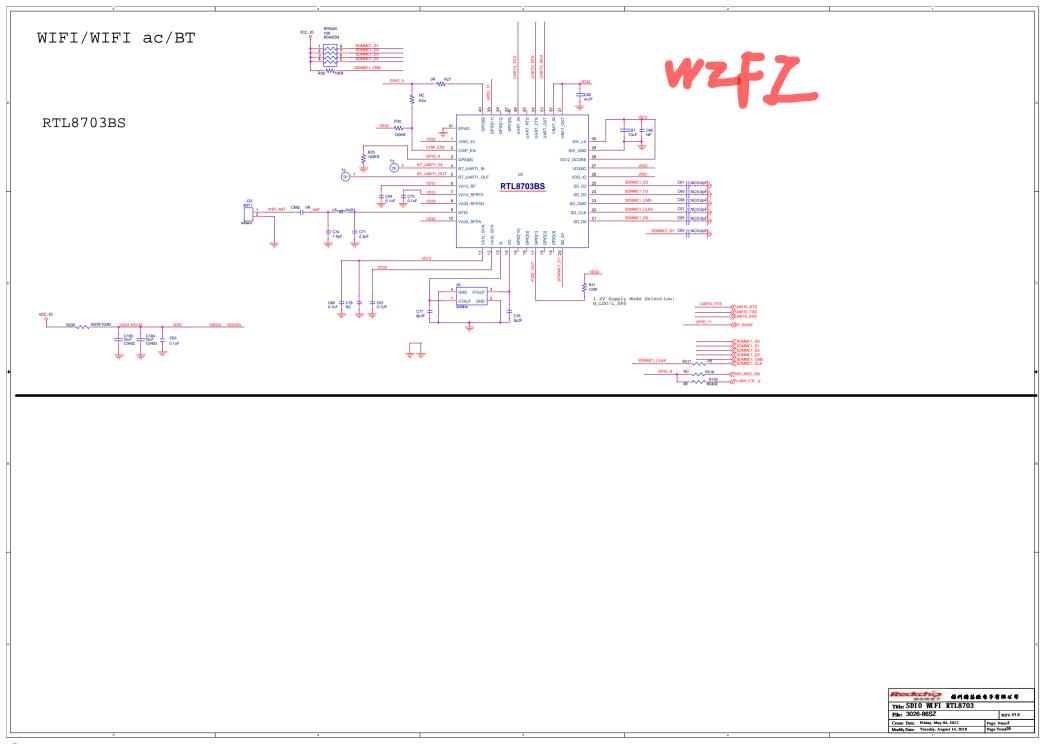
4 LAYERS PCB STACK

Hoz(18um) + plating copper(18um) Prepreg 3313*1 4.0MIL(0.10mm) Adjust Prepreg 3313*1 4.0MIL(0.10mm) Hoz(18um) + plating copper(18um)

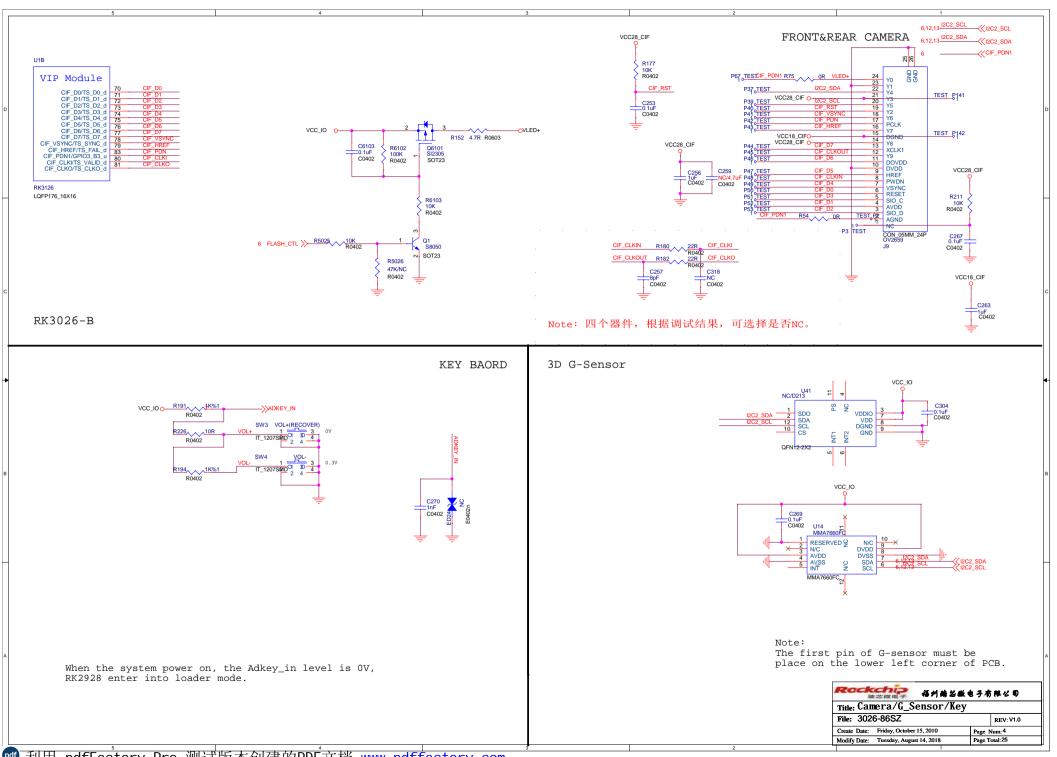
> BCL-RK3026-86SZ Document Name

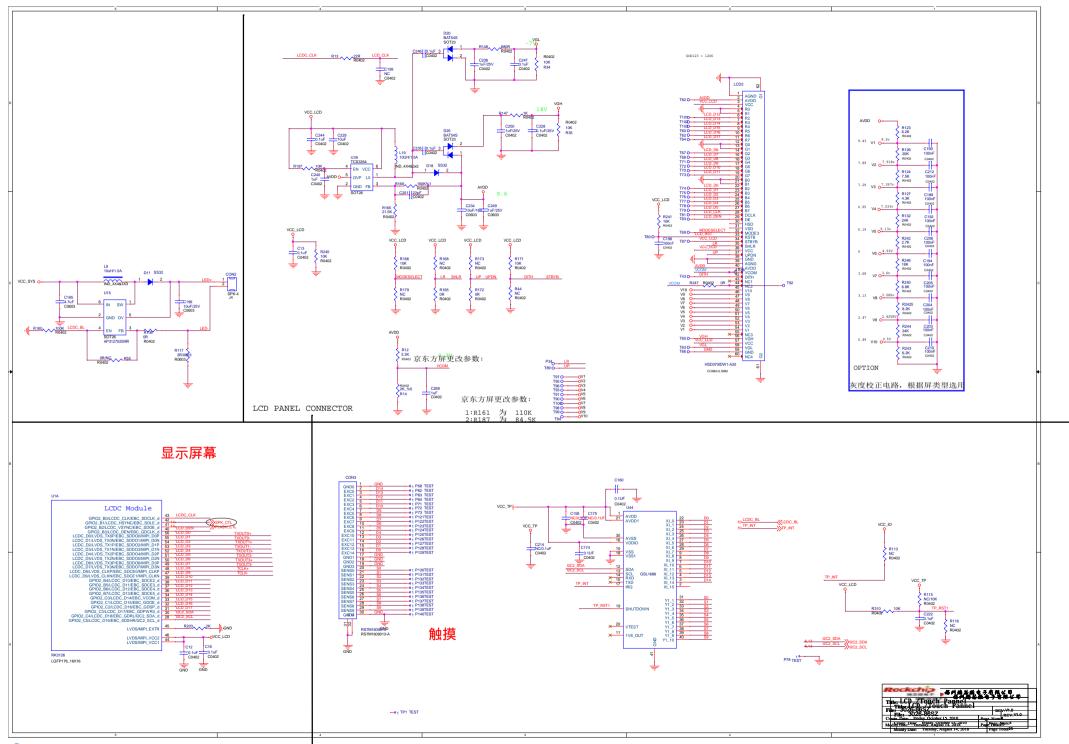
Version Date	Author	Change Note	Note
1.0 20120718	LX	First edictor	
V1.1 20120822	LGL	1. Change PMU VDIG1 to VCC1.5_CIF and connect it to camera DVDD 2.Correct the reset key and power key, Change D16, D12 footprint to SOD123, And C356 to C0805 3.Add NC/8.2K resister between PWM_LOG and GND 4.Update the part of RK2928L 5.Change the value of R57 to 10K, and R132 to 2.2K 6.Add test point and mark 6.Add R144(NC/OR) between the net of DCIN and VDC	
V1.1 20120911	HXS	1. Remove PMIC_GPIO 2. Remove VIB Circuit 3. Change TP_RST to RC Circuit	
V2.0 20151109	LT	1. Change AXP192 to RK816 2. Change RK3026 to RK3126	



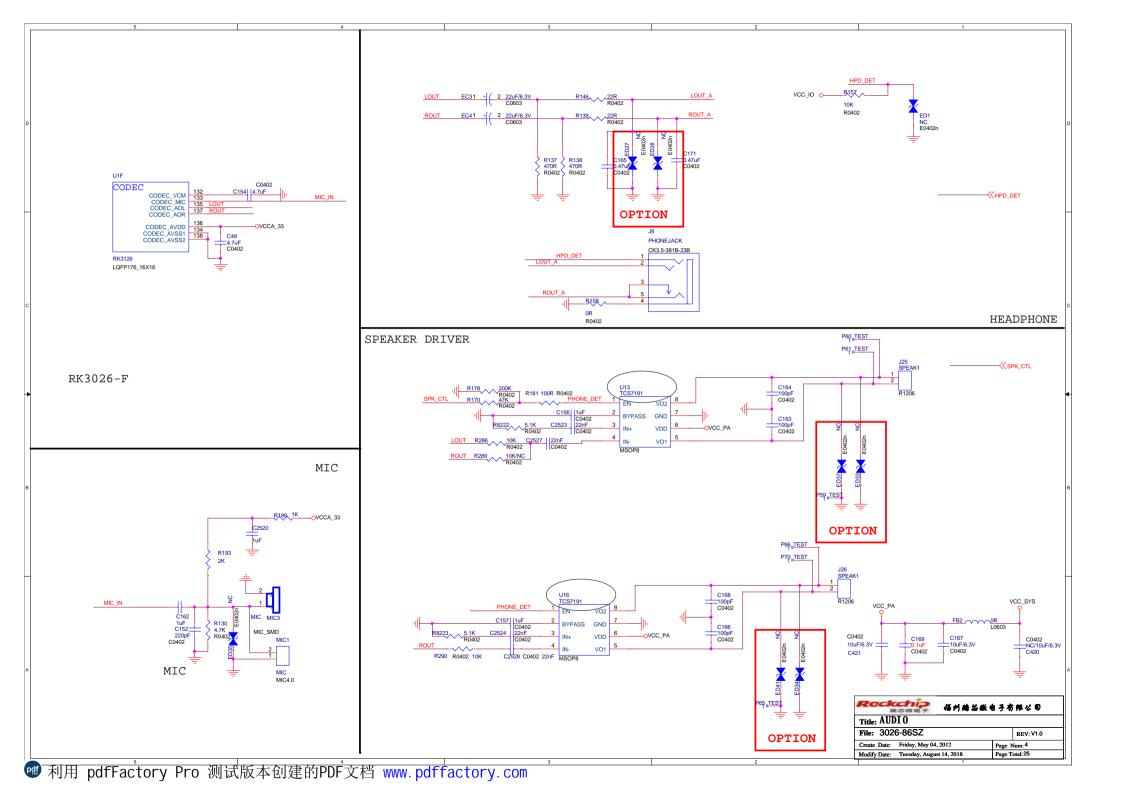


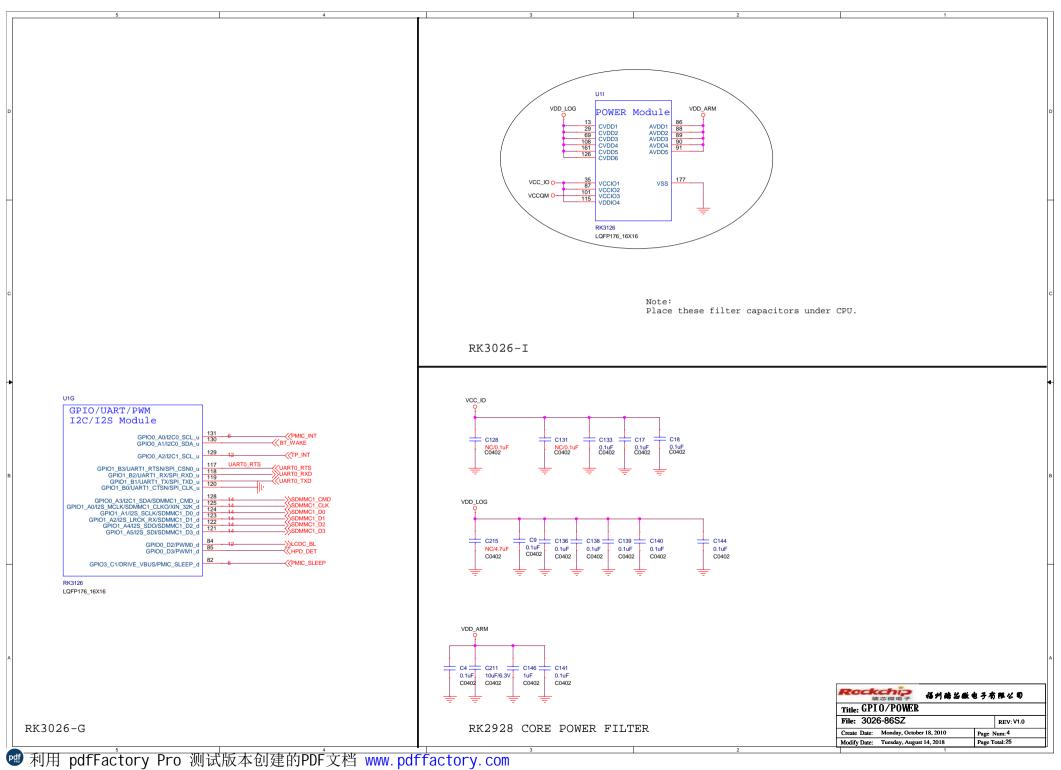
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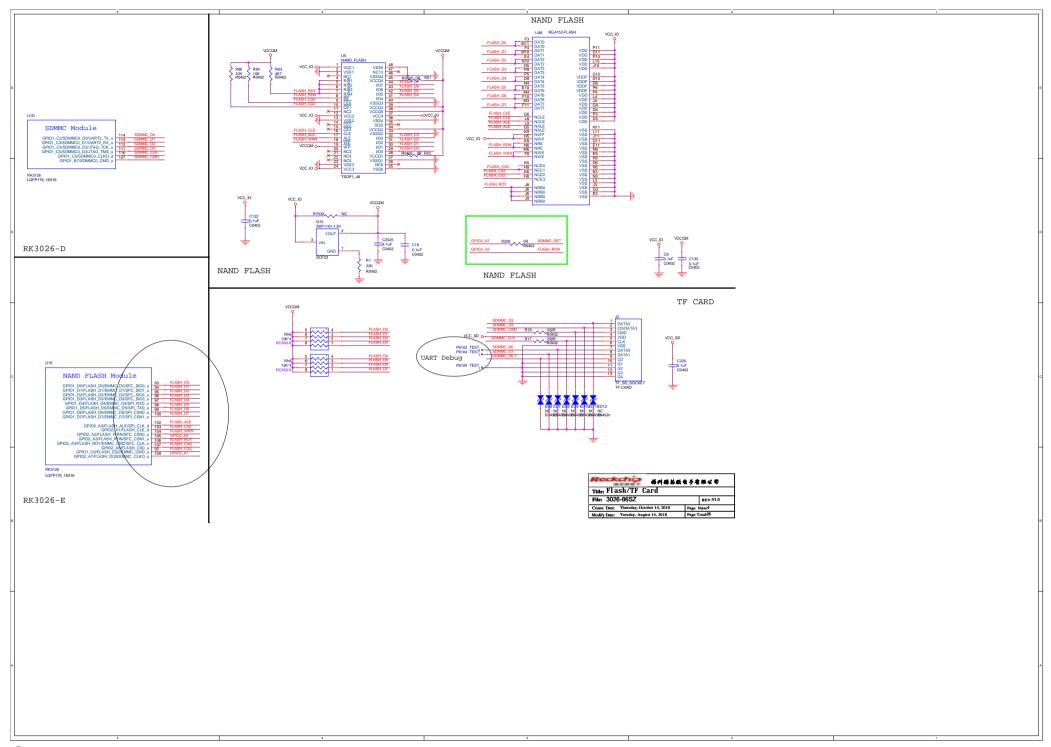




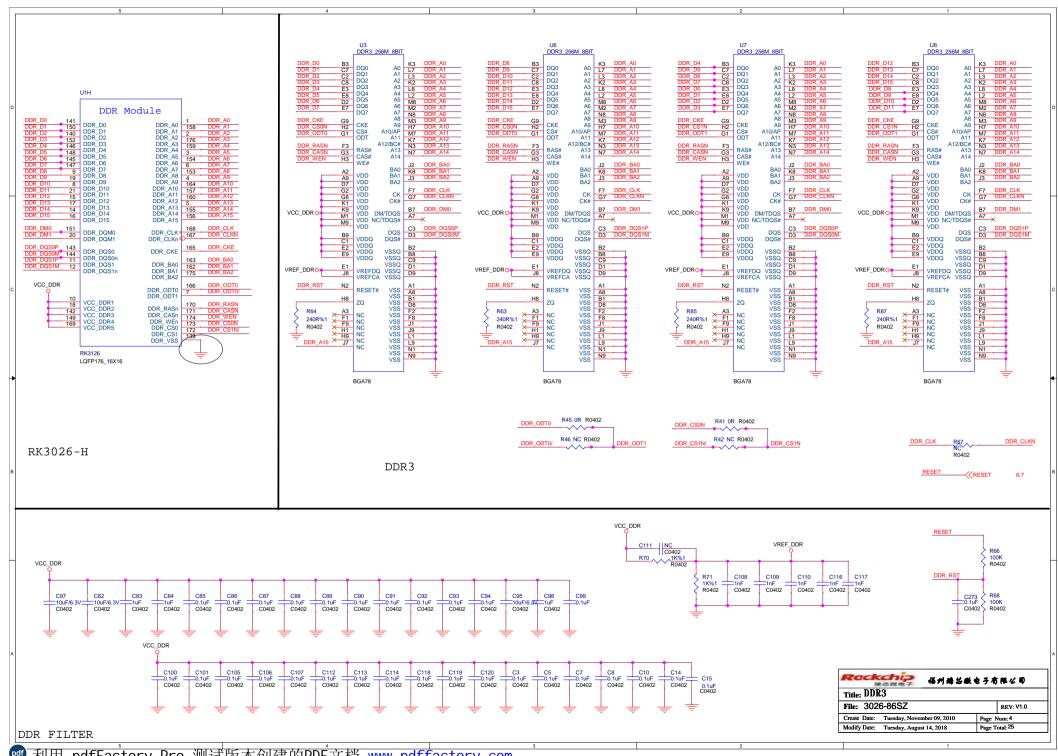
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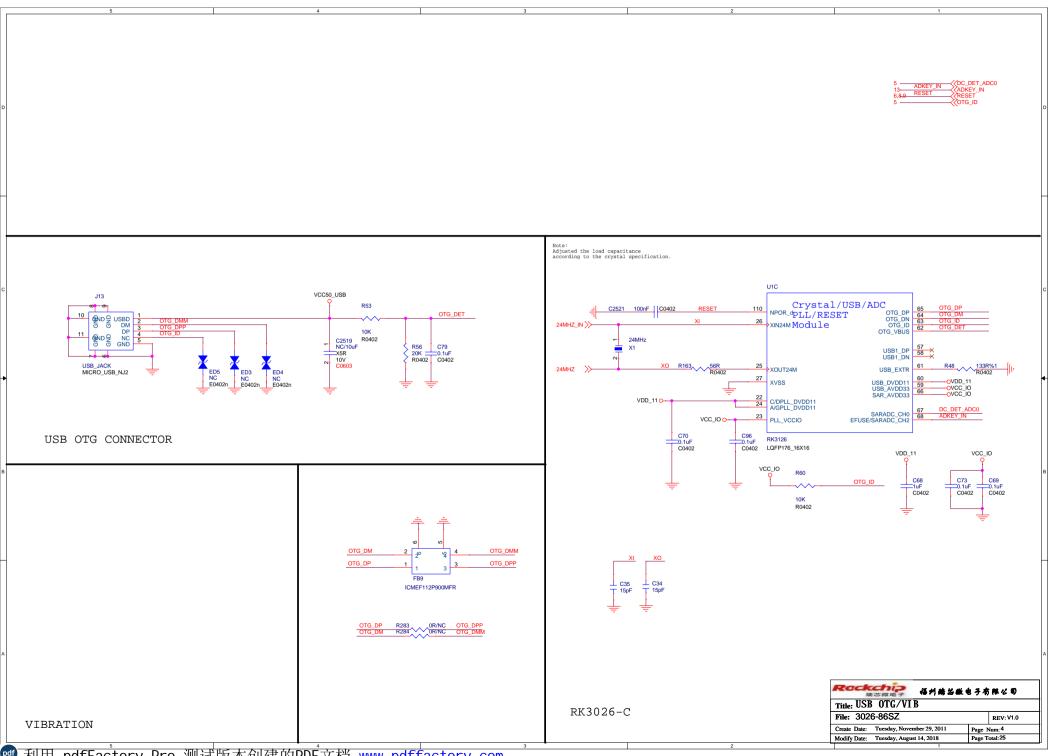


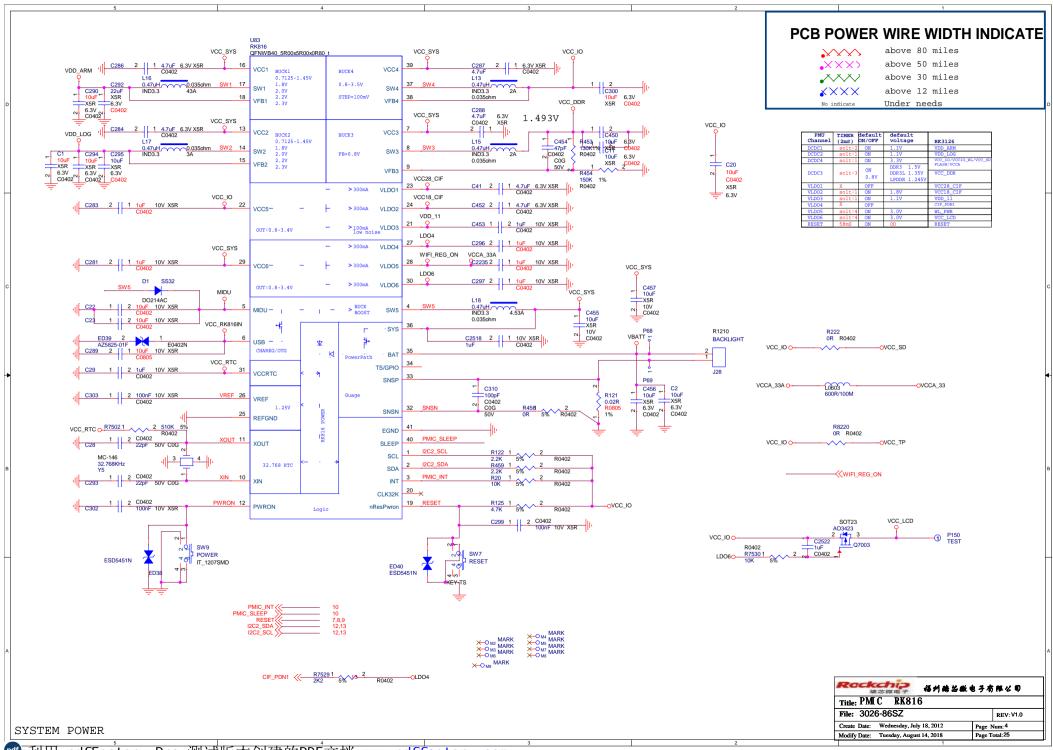


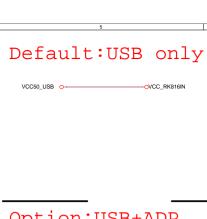


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充电方案:

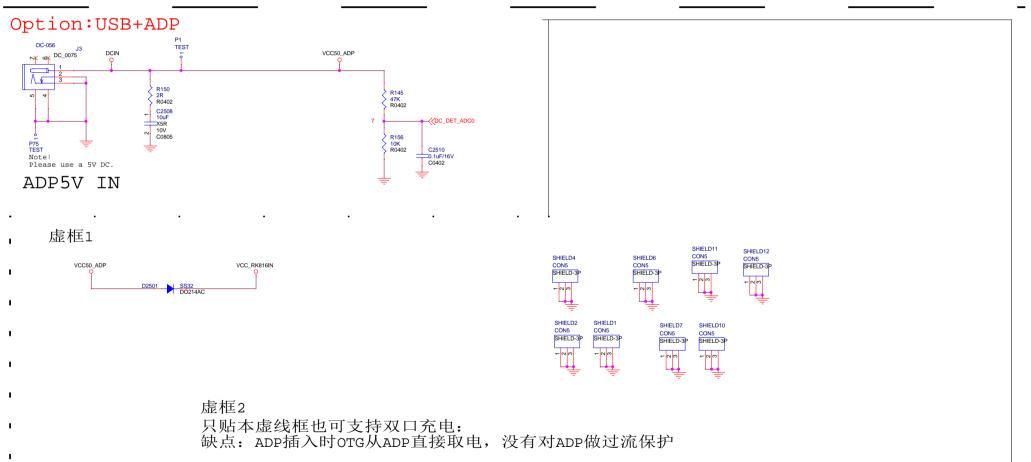
1、单USB, 只贴R7536

Adapte、USB双口充电控制:全功能,带完善保护。(标有DNP的不贴)

2, ADP+USB

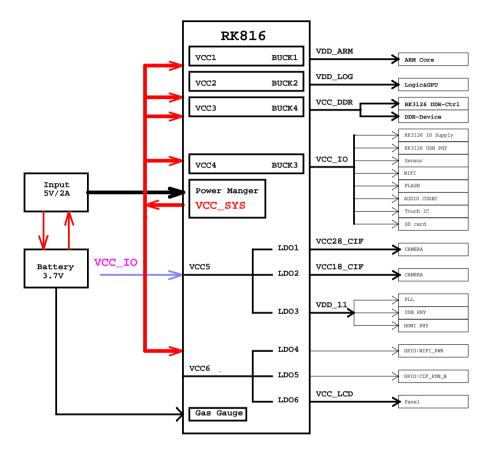
极底成本: 只贴R7536+D2501

底成本2: 只贴虚框2内器件(包括DNP器件,R7536=NC) 全功能: 虑框1+虚框2(不包括DNP器件和R7536)



Rockchip ^{装芯機电子} 福州赭岩微电子有限公司 Title: DC/Charge File: 3026-86SZ REV: V1.0 Page Num: 4 Modify Date: Tuesday, August 14, 2018

POWER DIAGRAM



Channel	(2mS)	ON/OFF	voltage	RK3126
DCDC1	solt:2	ON	1.1V	VDD_ARM
DCDC2	solt:1	ON	1.1V	VDD_LOG
DCDC4	solt:1	ON	3.3V	VCC_IO/VCCIO_NL/VCC_SD FLASH/VCCA
DCDC3	solt:3	ON 0.8V	DDR3 1.5V DDR3L 1.35V LPDDR 1.245V	VCC_DDR
VLD01	X	OFF		VCC28_CIF
VLD02	solt:1	ON	1.8V	VCC18_CIF
VLD03	solt:1	ON	1.1V	VDD_11
VLD04	X	OFF		CIF_PDN1
VLD05	solt:4	ON	3.0V	WIFI_PWR
VLD06	solt:4	ON	3.0V	VCC_LCD
RESET	58mS	ON	OD	RESET

Title: Power Tree-RK816
File: 3026-86SZ REV: V1.0
Create Date: Wednesday, March 02, 2011 Page Num: 4
Modify Date: Tuesday, August 14, 2018 Page Total: 25