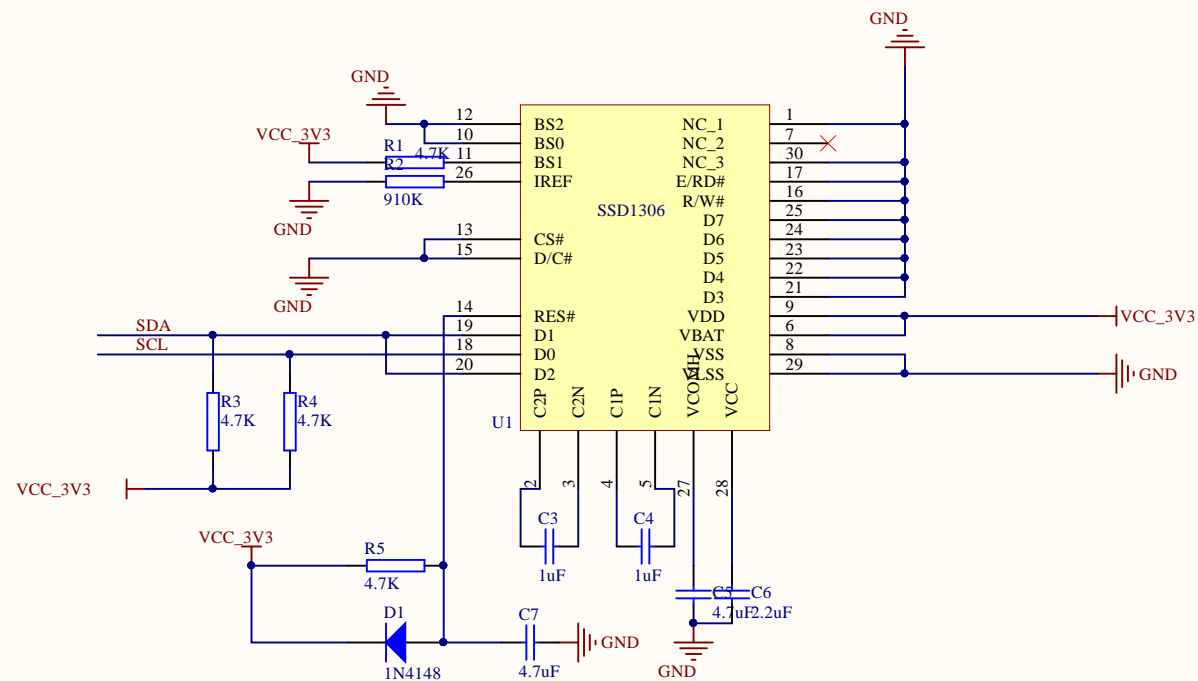


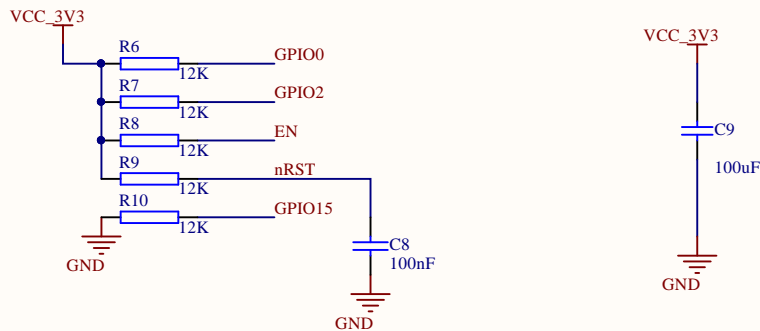
OLEDMCU_V2.0

D1-----SDA
D2-----SCL

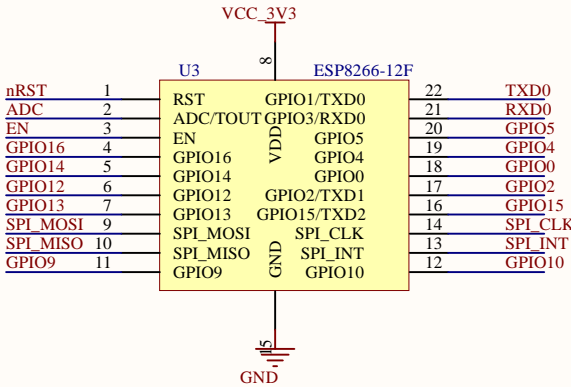


Title		
Size	Number	Revision
A4		
Date:	2017/11/18 星期六	Sheet of
File:	G:\OLEDMCU\01_OLEDMCU_OLED	Drawn By:

ESP12F_CORE



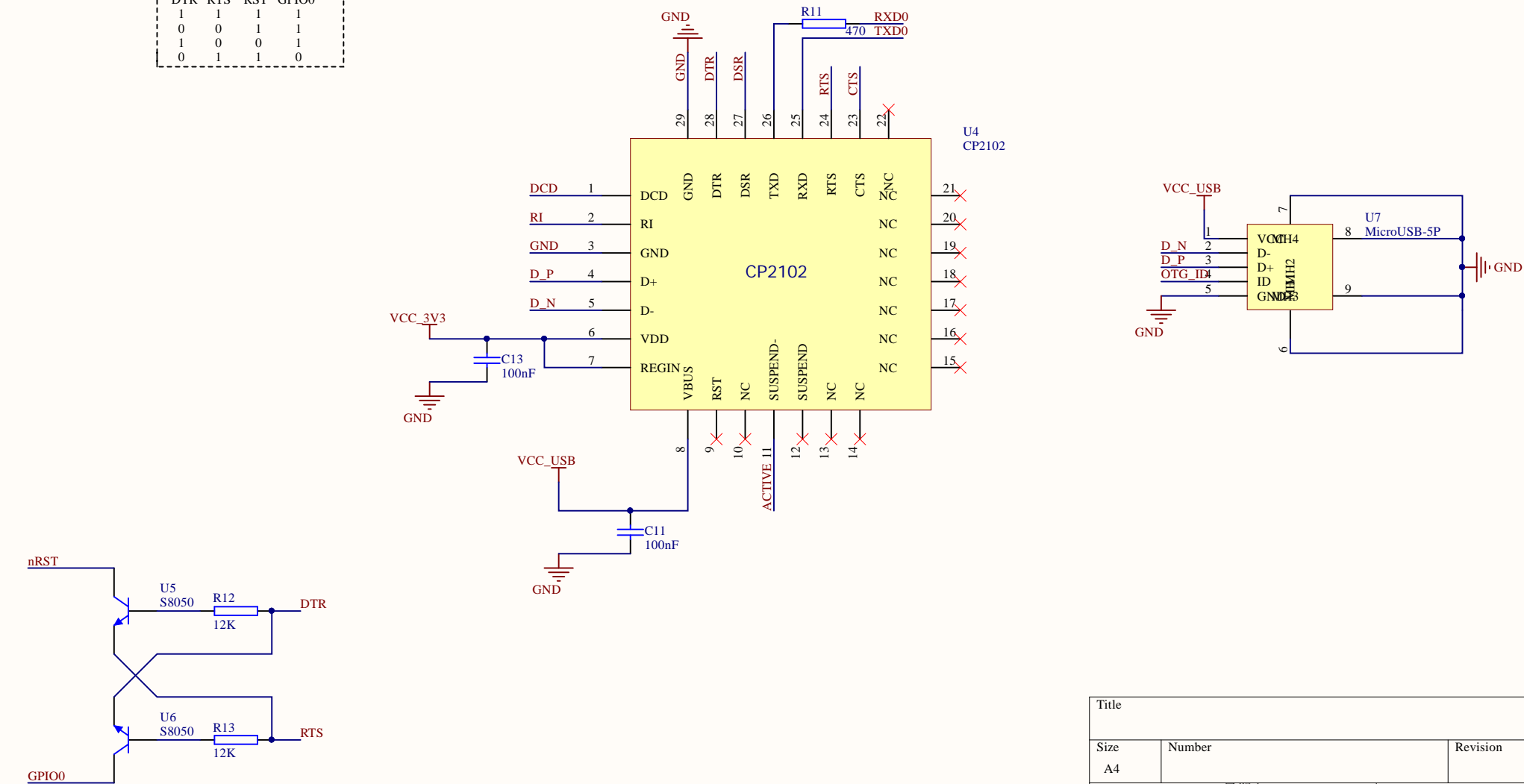
MATTERS NEEDING ATTENTION
On every boot/reset/wakeup,
GPIO15 MUST keep LOW, GPIO2 MUST keep HIGH.
GPIO0 HIGH -> RUN MODE, LOW -> FLASH MODE.
When you need to use the sleep mode, GPIO16 and RST should be connected,
and GPIO16 will output LOW to reset the system at the time of wakeup.



Title		
Size	Number	Revision
A4		
Date:	2017/11/18 星期六	Sheet of
File:	G:\OLEDMCU\...\02_ESP12F_CORE.Sch	Drawn By:

USB_TO_UART

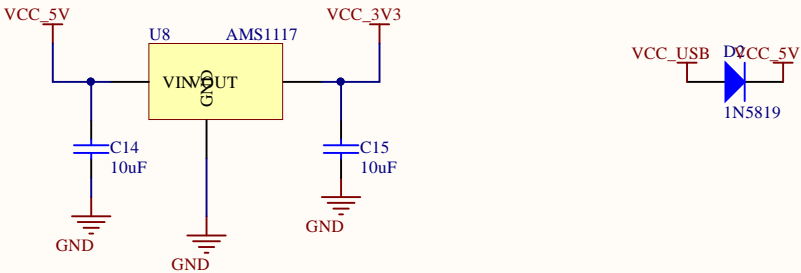
AUTO PROGRAM CIRCUIT				
DTR	RTS	RST	GPIO0	
1	1	1	1	
0	0	1	1	
1	0	0	1	
0	1	1	0	



Title		
Size	Number	Revision
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Date:	2017/11/18 星期六	Sheet of
File:	G:\OLEDMCU\...\03_USB_TO_UART.SchDoc	Drawn By:

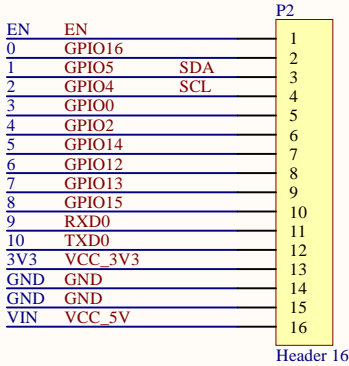
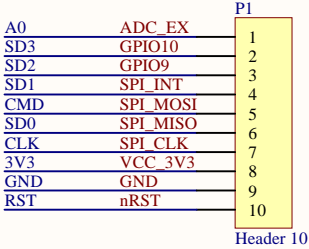
POWER

Working Output: 3.3V 800mA
Working Current Limit: 1000mA
Max Current: 1000mA
Max Supply Voltage: 20V
Voltage Dropout: 1.2V@800mA



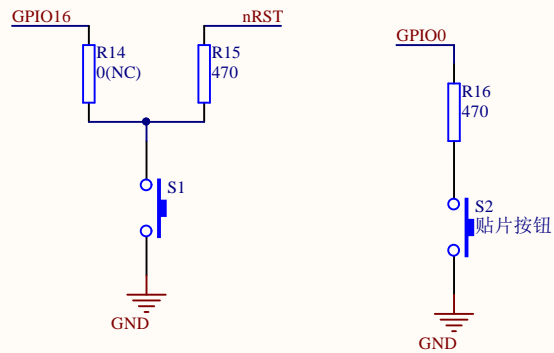
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Size	Number	Revision
A4		
Date:	2017/11/18 星期六	Sheet of
File:	G:\OLEDMCU\...\04_POWER.SchDoc	Drawn By:

IO_CONN



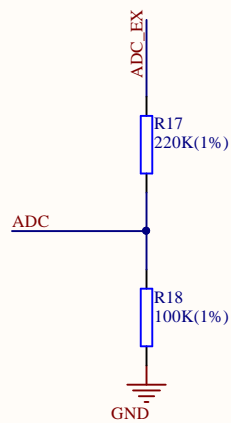
Title		
Size	Number	Revision
A4		
Date:	2017/11/18 星期六	Sheet of
File:	G:\OLEDMCU\...\05_IO_CONN.SchDoc	Drawn By:

KEY



Title		
Size	Number	Revision
A4		
Date:	2017/11/18 星期六	Sheet of
File:	G:\OLEDMCU\...\06_KEY.SchDoc	Drawn By:

ADC



Title		
Size A4	Number	Revision
Date:	2017/11/18 星期六	Sheet of
File:	G:\OLEDMCU\...\07_ADC.SchDoc	Drawn By:

D-duino V3

F1 ash

S01S06

D1-S04

D2-S01

M2

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