

# WRF01\_ZERO\_SHIELD.PrjPcb

07.02.2017  
V1I3

# Checked

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## DESIGN CONSIDERATIONS

DESIGN NOTE:  
Example text for informational  
design notes .

DESIGN NOTE:  
Example text for critical  
design notes.

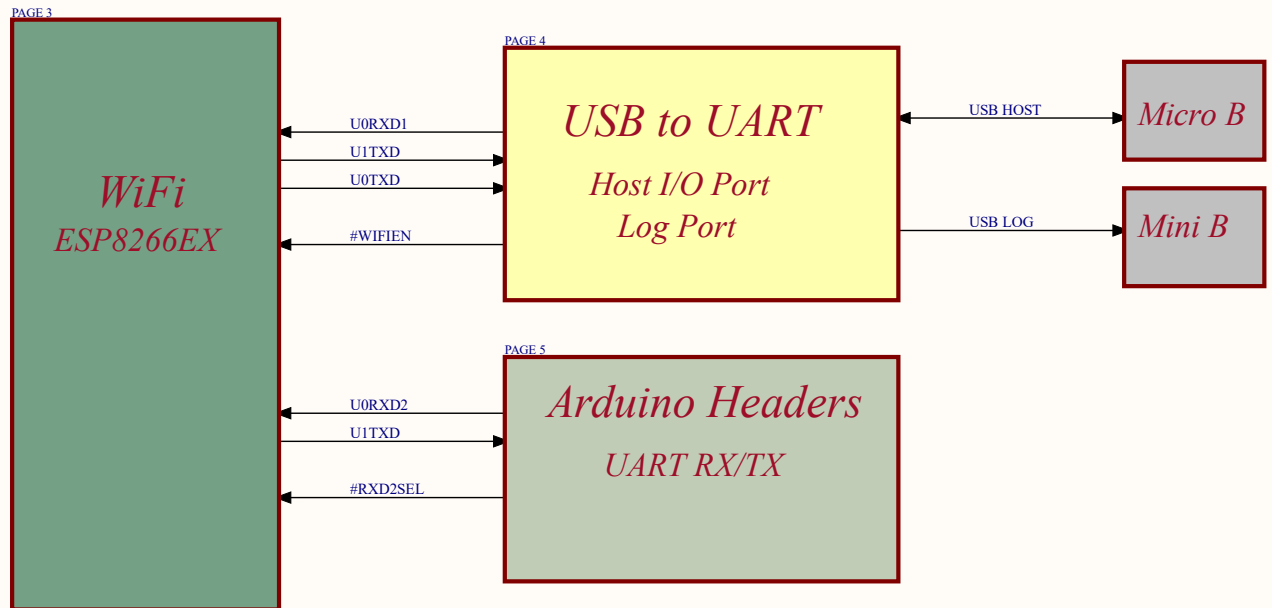
DESIGN NOTE:  
Example text for cautionary  
design notes.

LAYOUT NOTE:  
Example text for critical  
layout guidelines.

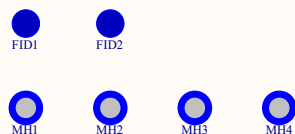
Title <b>Cover Page</b>			DeviceDrive Skaholtveien 1 3484 HOLMSBU NORWAY		Cannot open file C:\Users\Mykes\OneDrive\Design Files\Altium Specific Files\Altium
Size: <b>A3</b>	Number:	Revision: <b>V1I3</b>			
Date: <b>07.02.2017</b>	Time: <b>14.02.33</b>	Sheet <b>1</b> of <b>6</b>			
File: <b>[01] - CoverPage.SchDoc</b>					

# WRF01\_ZERO\_SHIELD.PrjPcb

## (Block Diagram)



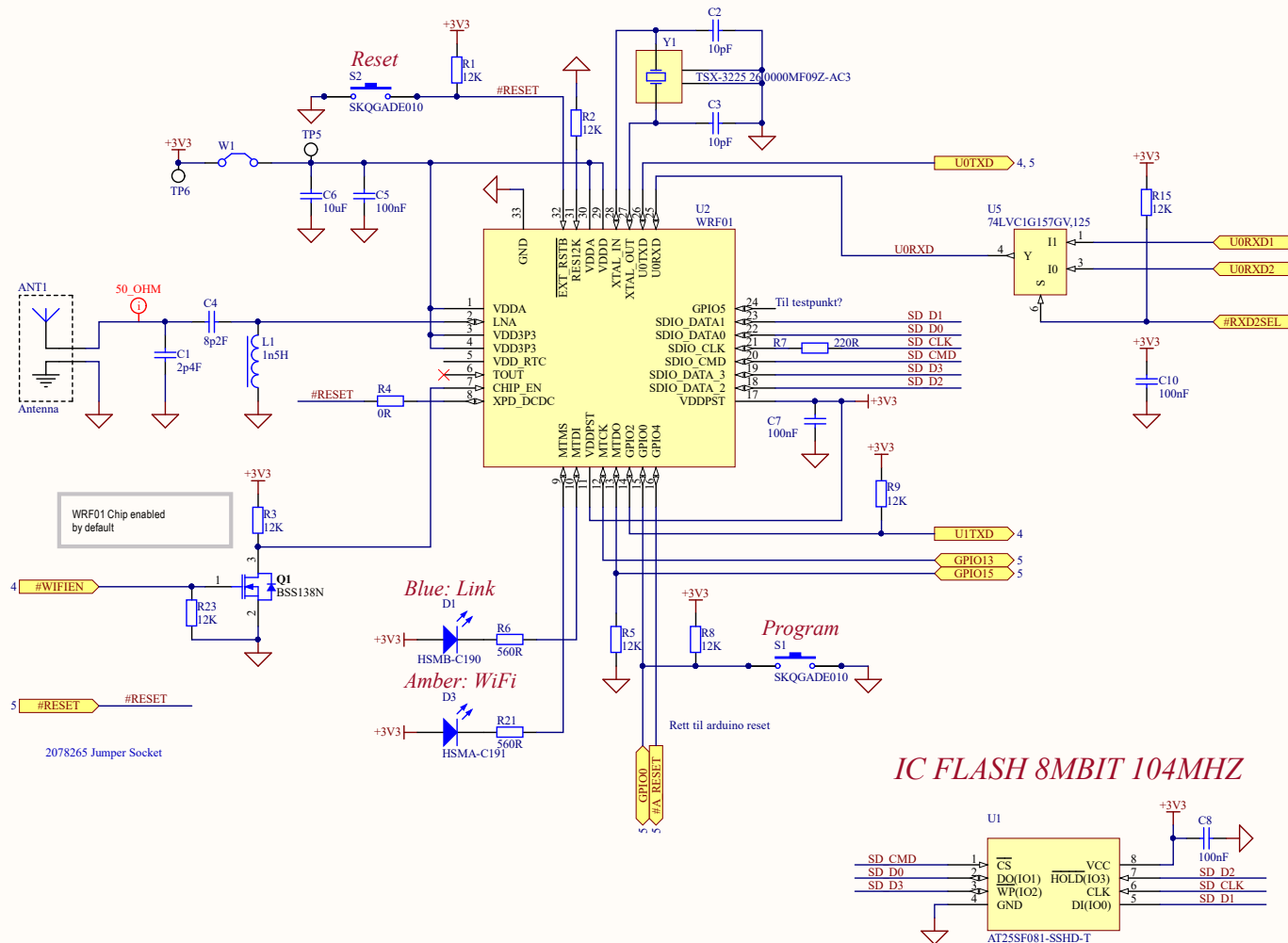
## Mechanical



Title <b>Block Diagram</b>			DeviceDrive Skaholtveien 1 3484 HOLMSBU NORWAY	Cannot open file C:\Users\Mykes\OneDrive\Design Files\Altium Specific Files\Altium
Size: A3	Number:	Revision: V113		
Date: 07.02.2017	Time: 14.02.34	Sheet 2 of 6		
File: [02] - BlockDiagram.SchDoc				

# WiFi

## WRF01 Chip



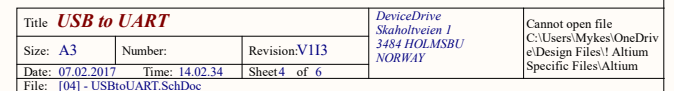
Espressif code can boot in different modes, selected on power-up based on GPIO pin levels.

MTD0 == L, GPIO0 == L and GPIO2 == H: Download code from UART  
MTD0 == L, GPIO0 == H and GPIO2 == H: Boot from SPI Flash

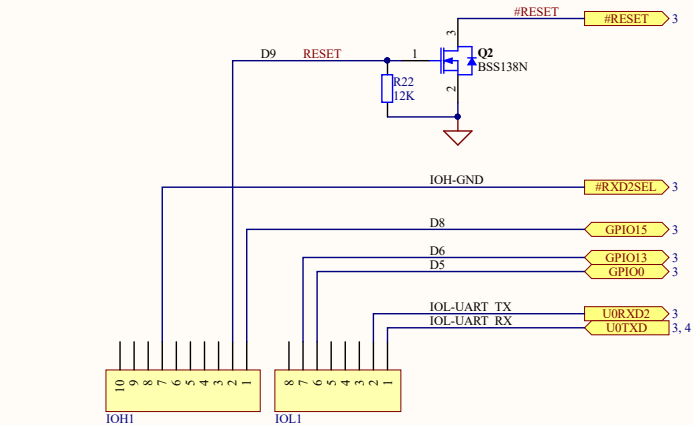
## IC FLASH 8MBIT 104MHZ

Title <b>WiFi</b>			DeviceDrive Skaholtveien 1 3484 HOLMSBU NORWAY	Cannot open file C:\Users\Mykes\OneDrive\Design Files\Altium Specific Files\Altium
Size: <b>A3</b>	Number:	Revision: <b>V113</b>		
Date: <b>07.02.2017</b>	Time: <b>14.02.34</b>	Sheet <b>3</b> of <b>6</b>		
File: [03] - Wi-Fi Chip.SchDoc				

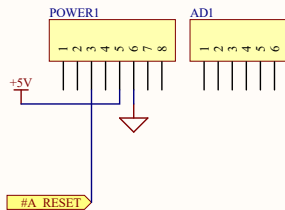
## A



# ARDUINO HEADERS



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Title <b>Arduino Headers</b>			DeviceDrive Skaholtveien 1 3484 HOLMSBU NORWAY	Cannot open file C:\Users\Mykes\OneDrive\Design Files\Altium Specific Files\Altium
Size: A3	Number:	Revision: V113		
Date: 07.02.2017	Time: 14.02.34	Sheet 5 of 6		
File: [05] - ArduinoHeader.SchDoc				

