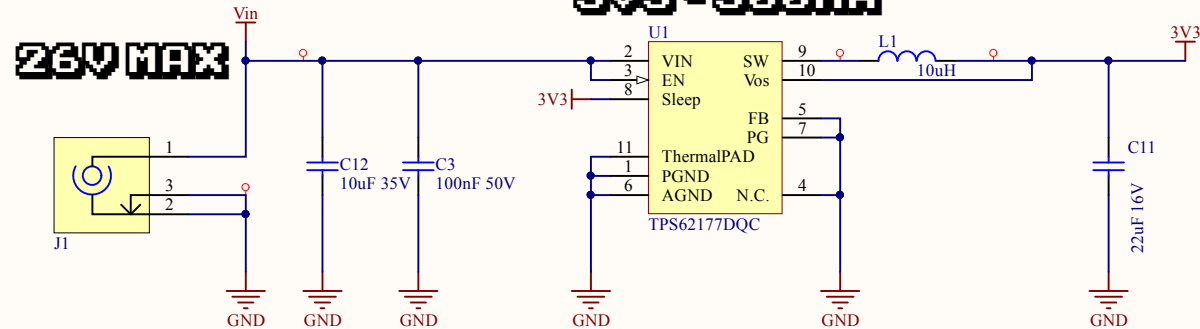


AREA 3001

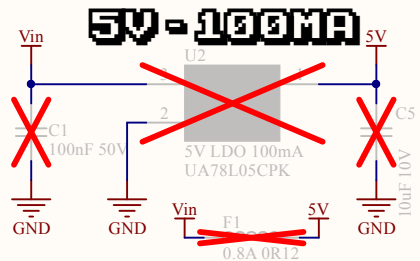
RGBW LED BOARD

POWER

3V3-500MA

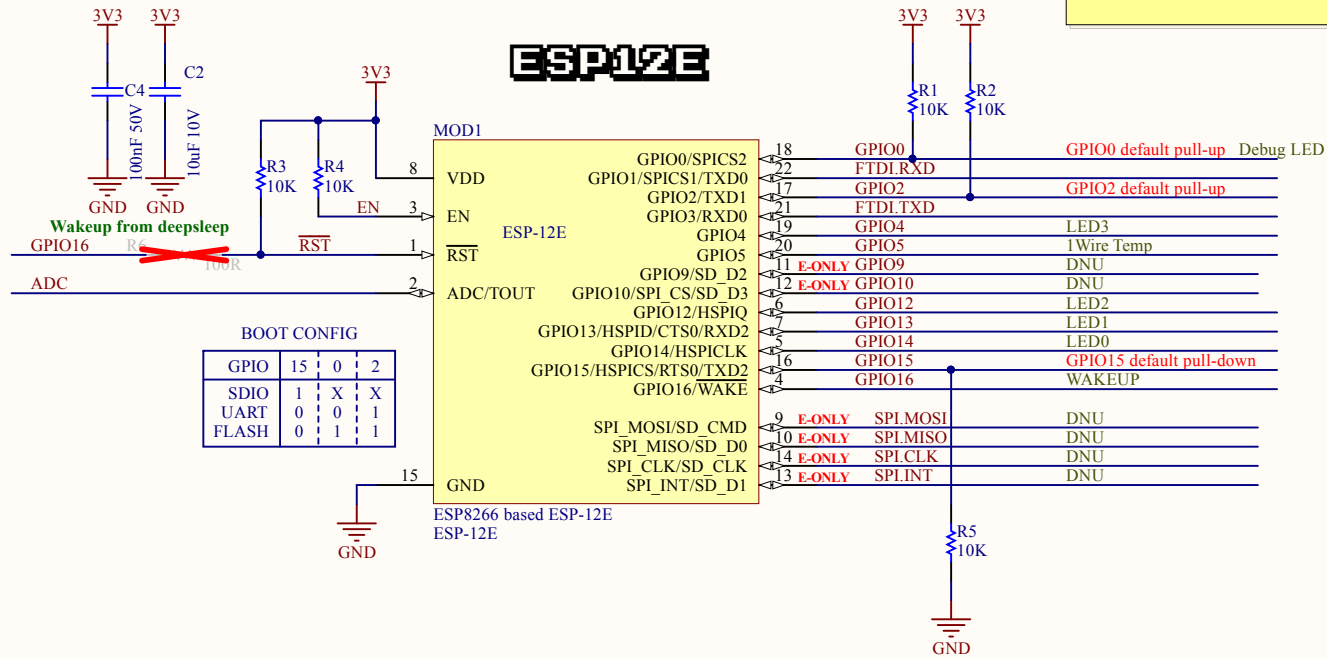


5V-100MA

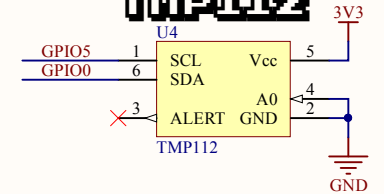


$V_f R = 2.2V$
 $V_F G = B = 3.2V$
 $V_F W = 3.0V$
 $(12V - 3 \times V_f) / 0.020A = R$
 $(12V - 3 \times 2.2) / 0.020A = 270R \rightarrow 2 \times 150R$
 $(12V - 3 \times 3.2) / 0.020A = 120R \rightarrow 2 \times 68R$
 $(12V - 3 \times 3.0) / 0.020A = 150R \rightarrow 2 \times 82R$

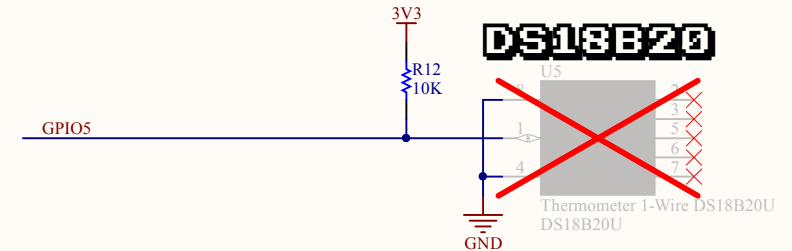
ESP12E



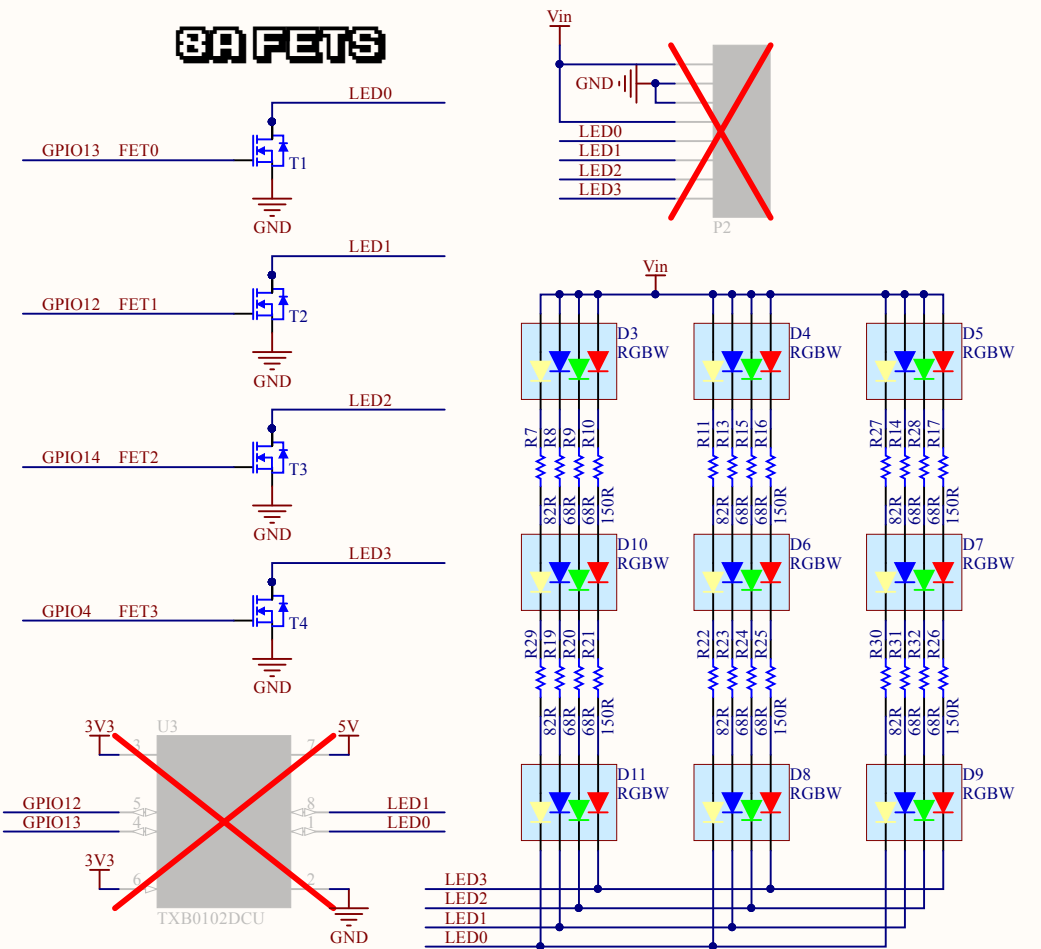
DEBUG AND POWER LED

**TMP112**

DS18B20



8A FETS

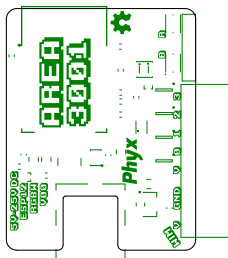
**VARIANT NAME - INTERNAL****Phyx**

Title	ESP12_RGBW
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Date	18/08/2015
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Size	A3
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Sheet 1 of 1



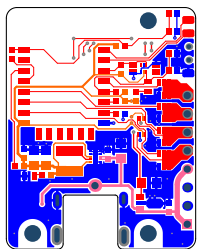
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ESP12_RGBW

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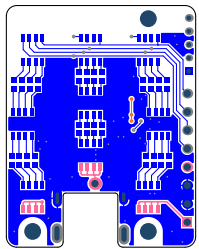
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Desginer
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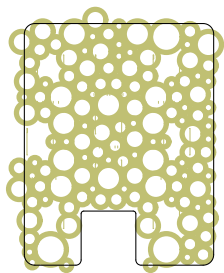
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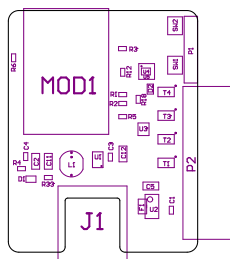
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Phyx	Document	
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Desginer	Document	
WimVG	ESP12_RGBW_00,PcbDoc	



Phyx	Document		ESP12_RGBW
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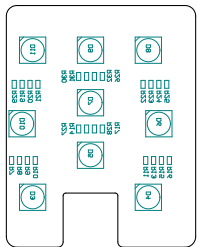
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ESP12_RGBW

Layer Name
Assembly Top

Date	Rev
17/01/2016	00

Desginer
WimVG

Document	ESP12_RGBW_00.PcbDoc
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	Document	
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	Assembly Bottom	
	Date	Rev
	17/01/2016	00
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