

Design Leverages wESP32 from Silicognition LLC  
 Rev 1.2 - Fixed Piezo Power Supply on Fuse Blown Issue, Added DC Sense Input Circuit,  
 Added I/O Expander 4, Mosfet Outputs x6, Qwiic Connector, Resettable Smoke Detector Power,  
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Sheet : 1

File : AlarmPanel

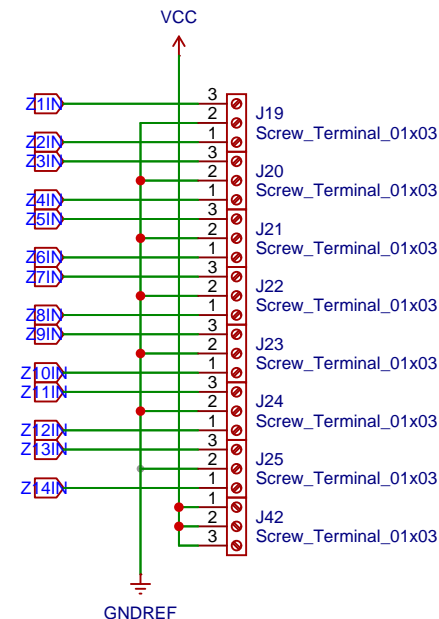
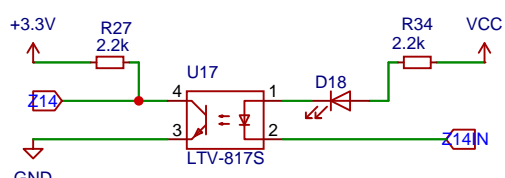
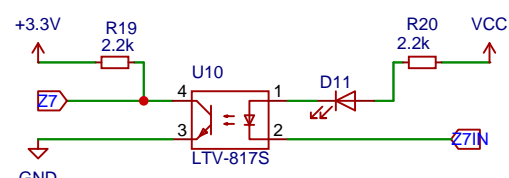
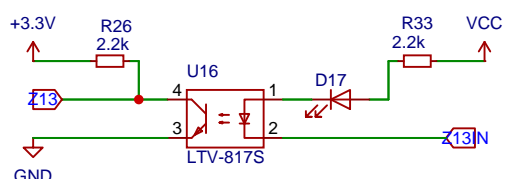
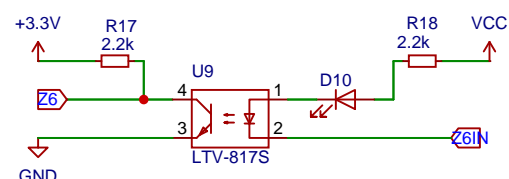
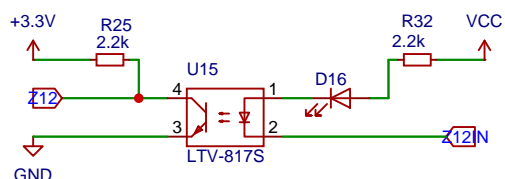
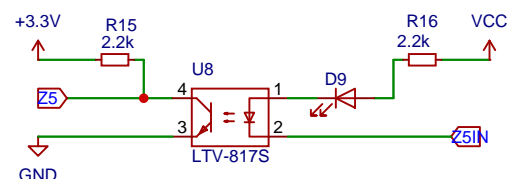
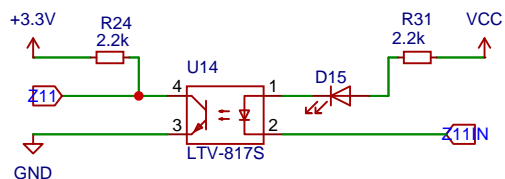
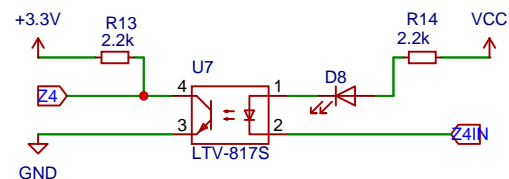
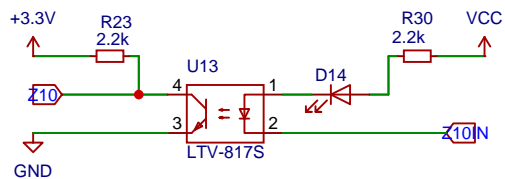
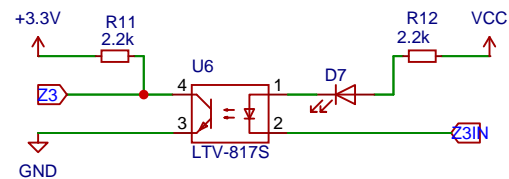
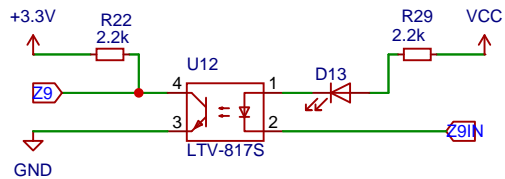
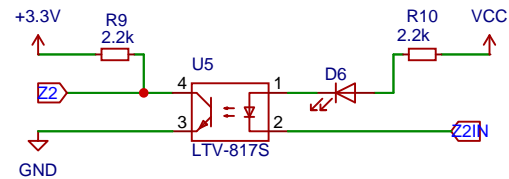
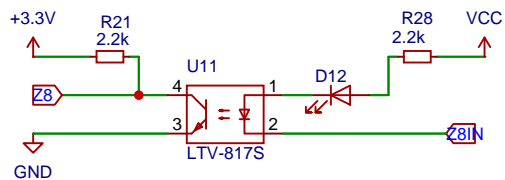
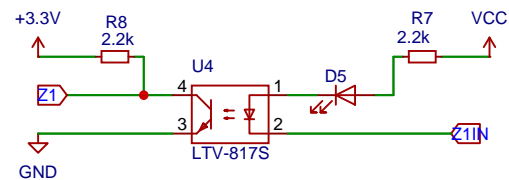
Title : wESP32 ESPHome Zone Integration

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Rev : 1.2

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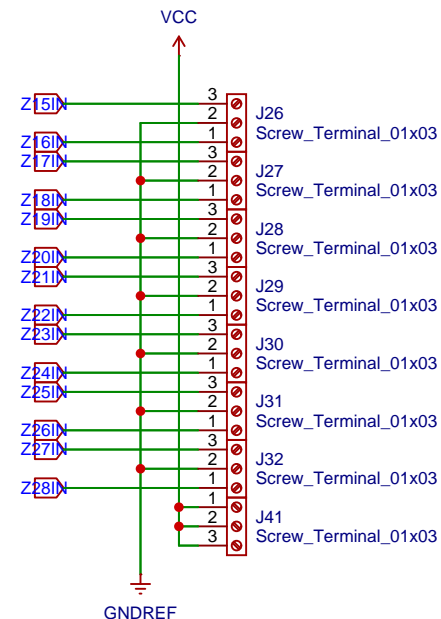
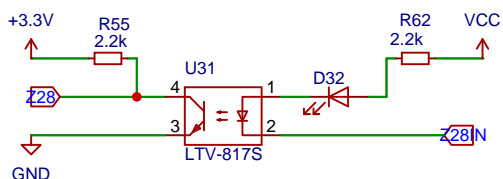
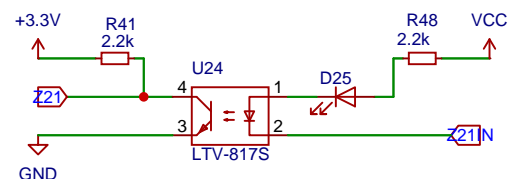
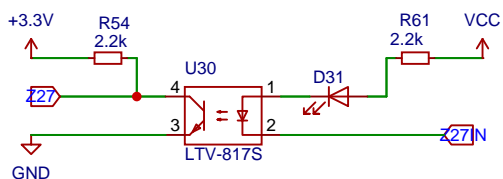
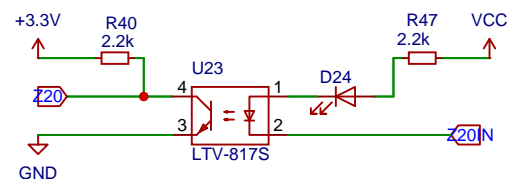
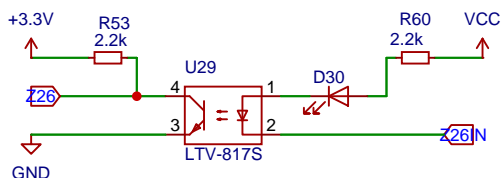
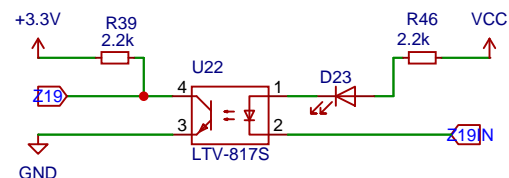
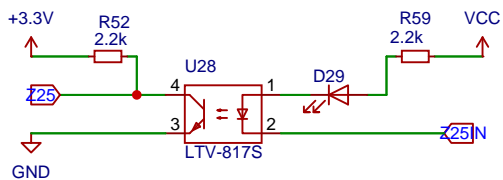
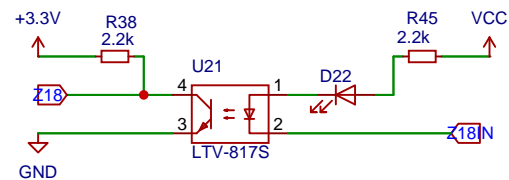
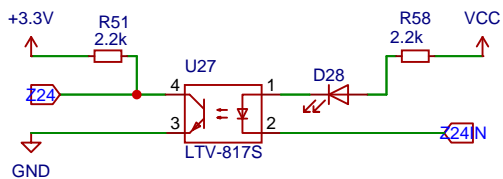
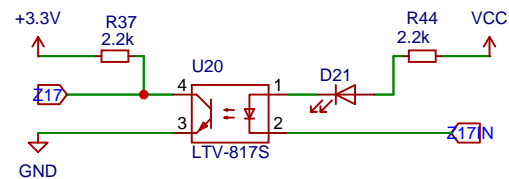
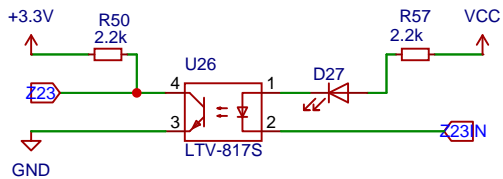
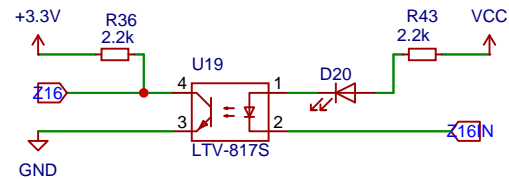
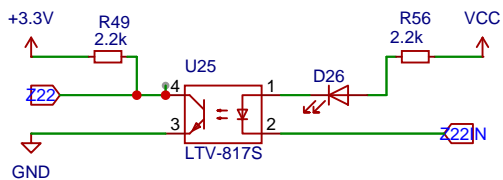
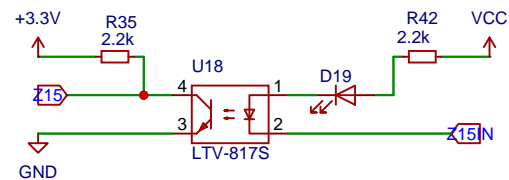
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Sheet : 2  
 File : AlarmPanel

**Title : wESP32 ESPHome Zone Integration**

Size : Letter Date : 11/30/2024  
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**Rev : 1.2**

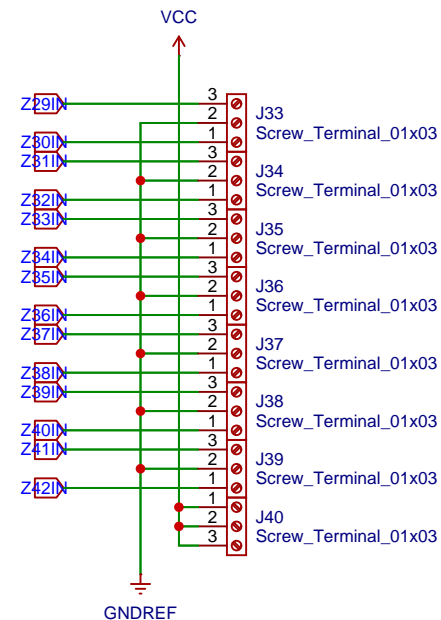
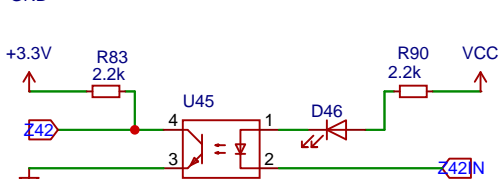
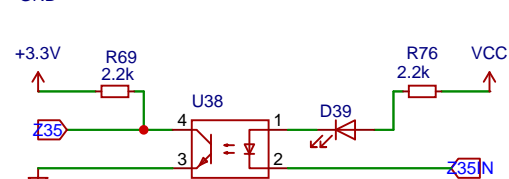
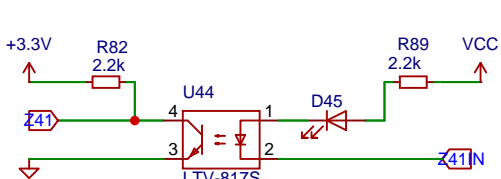
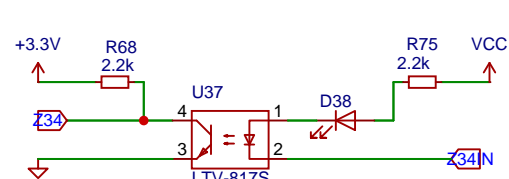
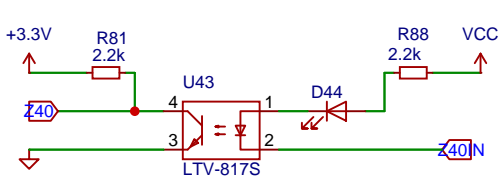
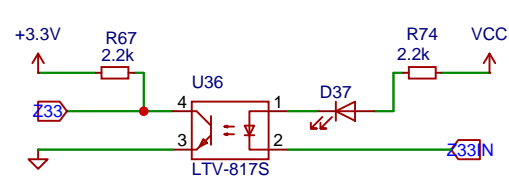
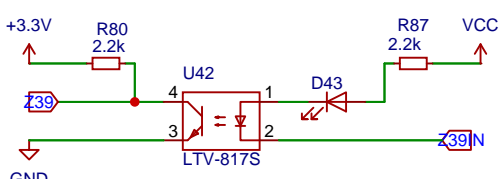
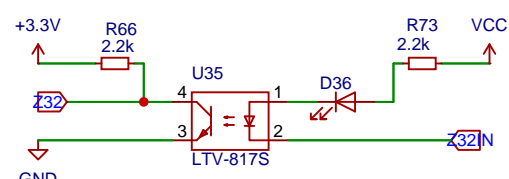
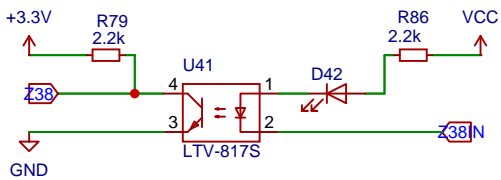
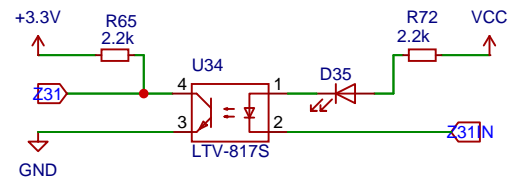
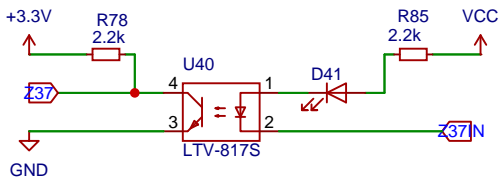
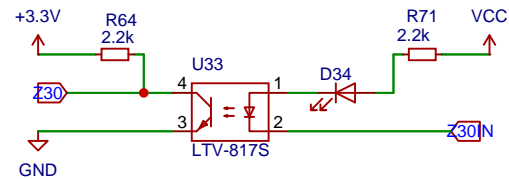
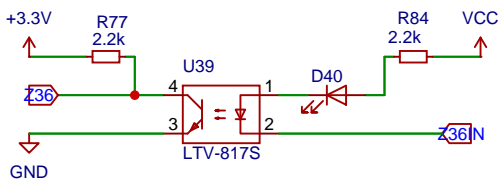
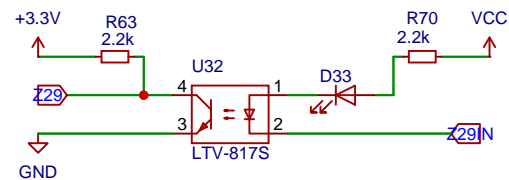


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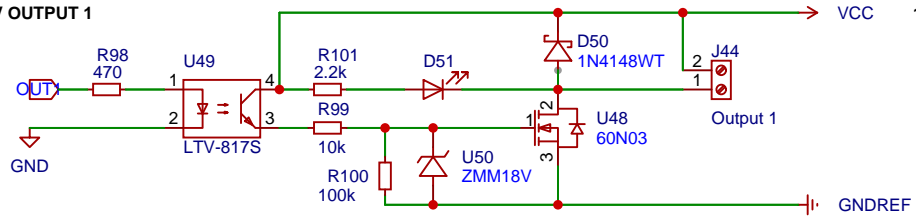
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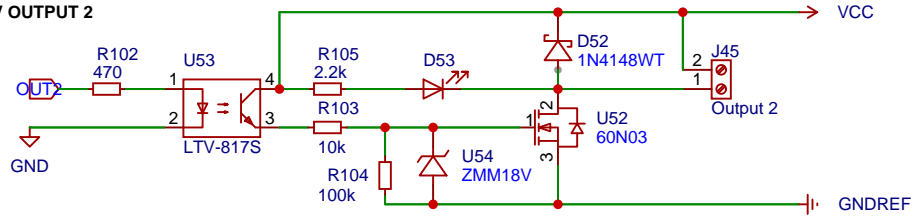
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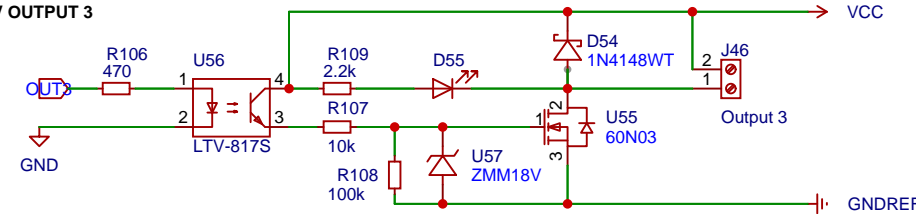
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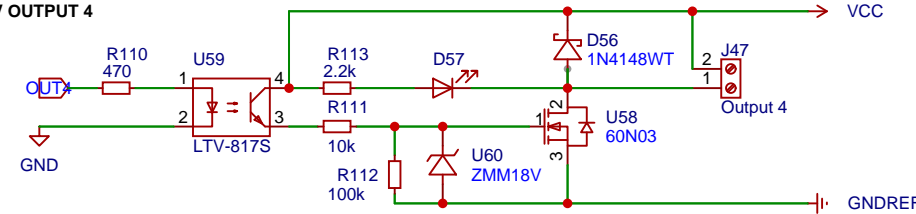
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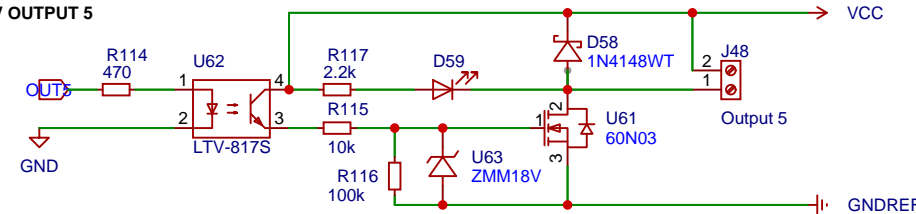
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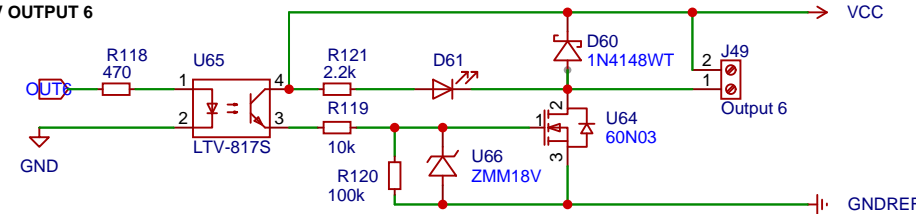
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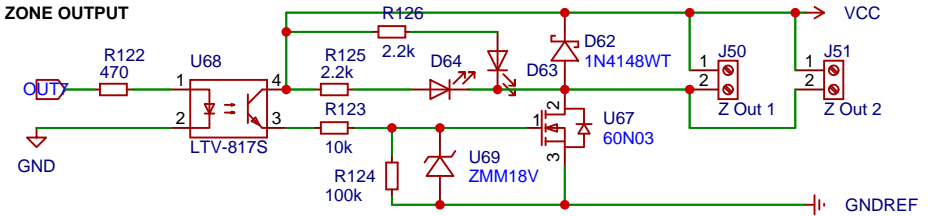
## 12V OUTPUT 5



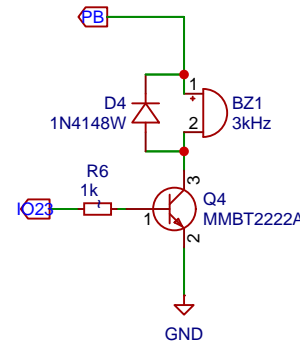
## 12V OUTPUT 6



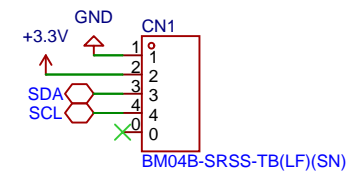
## 12V ZONE OUTPUT



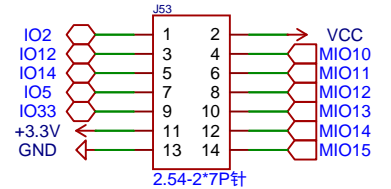
## PIEZO BUZZER



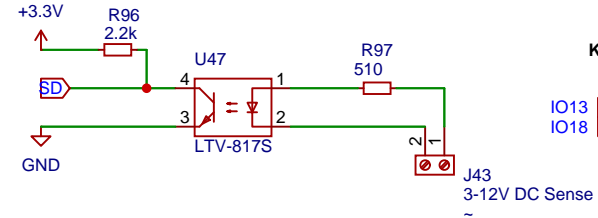
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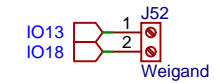
## MISC I/O



## 3-12V DC SENSE INPUT



## KEYPAD I/O



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