

The schematic shows the following components and connections:

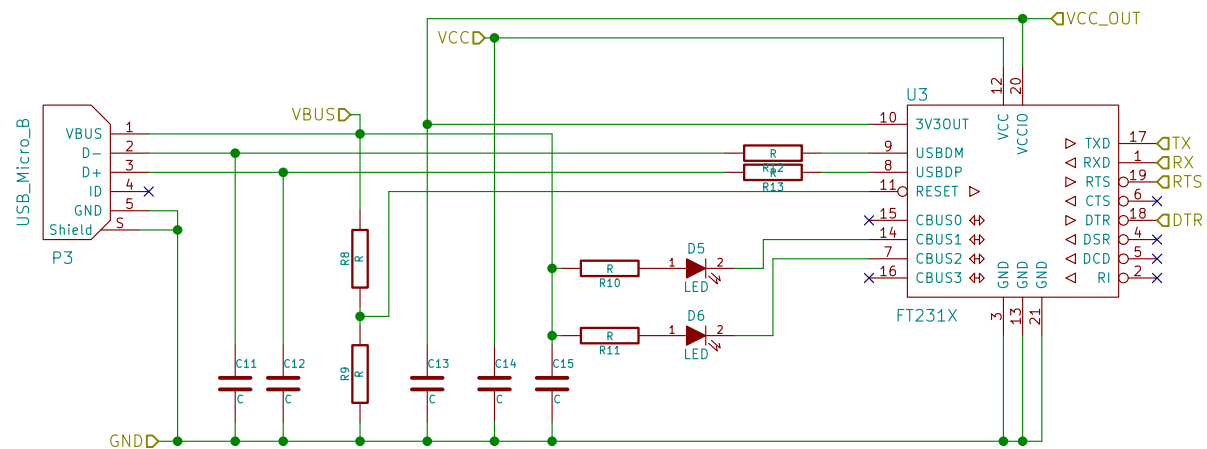
- Microcontroller:** STM32F100C6 (Housings\_QFP:Iqfp-48) with pins connected to various external components.
- Power Supply:**
  - 3.3V Regulator (U1) with input VCC and output VDD.
  - 1.8V Regulator (U3) with input VDD and output VDDA.
  - Capacitors: C4 (1μF), C5 (100nF), C6 (100nF), C7 (100nF), C8 (100nF), C9 (1μF), C10 (10μF).
- Communication:**
  - ESP8266 PTH Connector (U2) connected to VCC, RST, CH\_PD, GND, GPIO0, GPIO2, RXD, TXD.
  - PC Interface (U4) connected to VCC, VBUS, GND, VCC\_OUT, TX, RX, RTS, DTR, BOOT0, USB\_VCC.
- Indicators:**
  - LEDs D3 and D4 connected to GND\_HEAT and STATUS\_LED pins.
- Other Components:**
  - Resistors R4, R5, R6, R7.
  - Capacitors C4, C5, C6, C7, C8, C9, C10.

The board is labeled 'Housings\_QFP:Iqfp-48'.

Fixa finkräms till VDD\_A  
Kolla om andra filter behövs

Man kan nog ha detta till generisk automation också  
Fast då får man slänga dit ingångsskydd

Date:	Rev: 0.1
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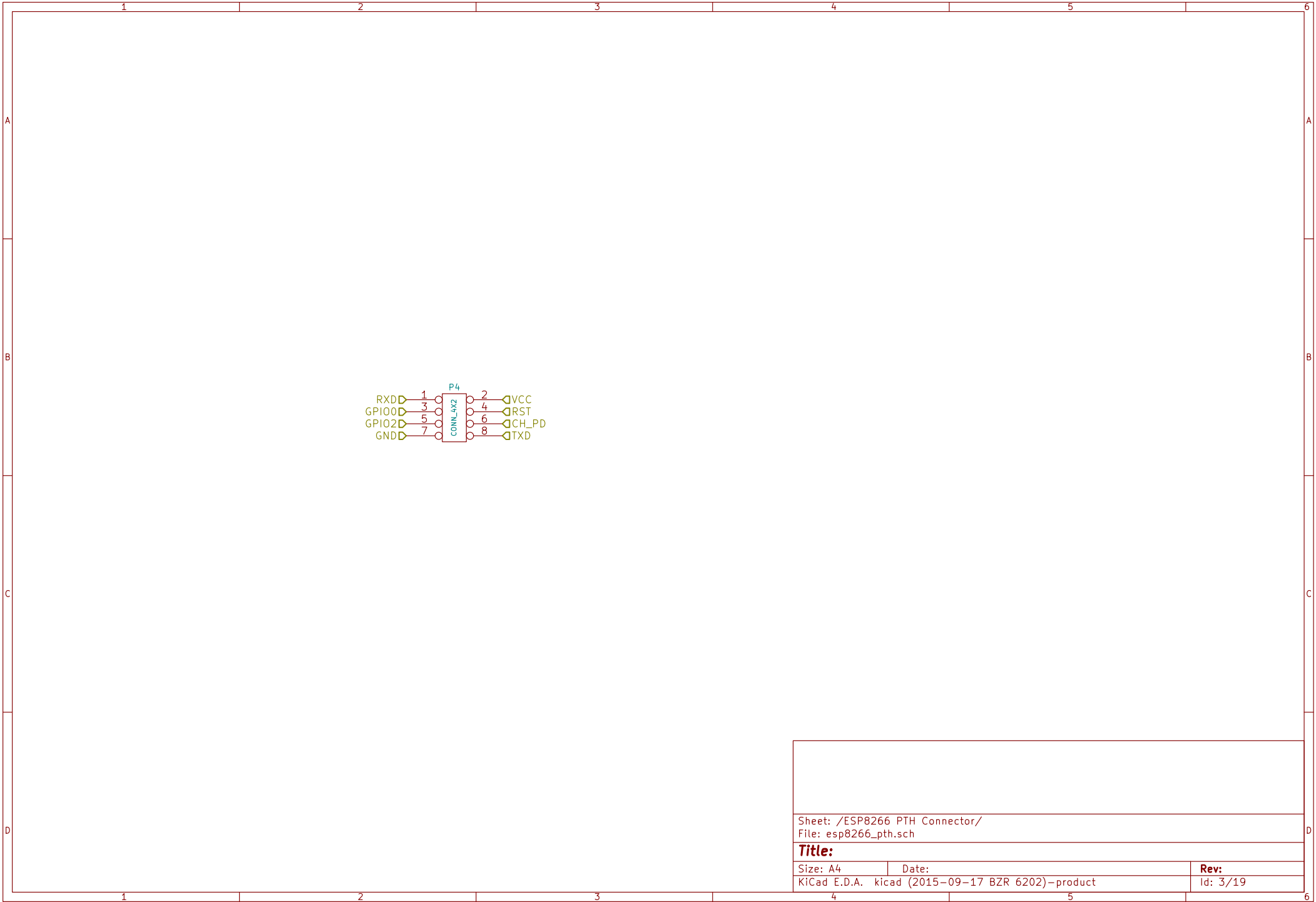


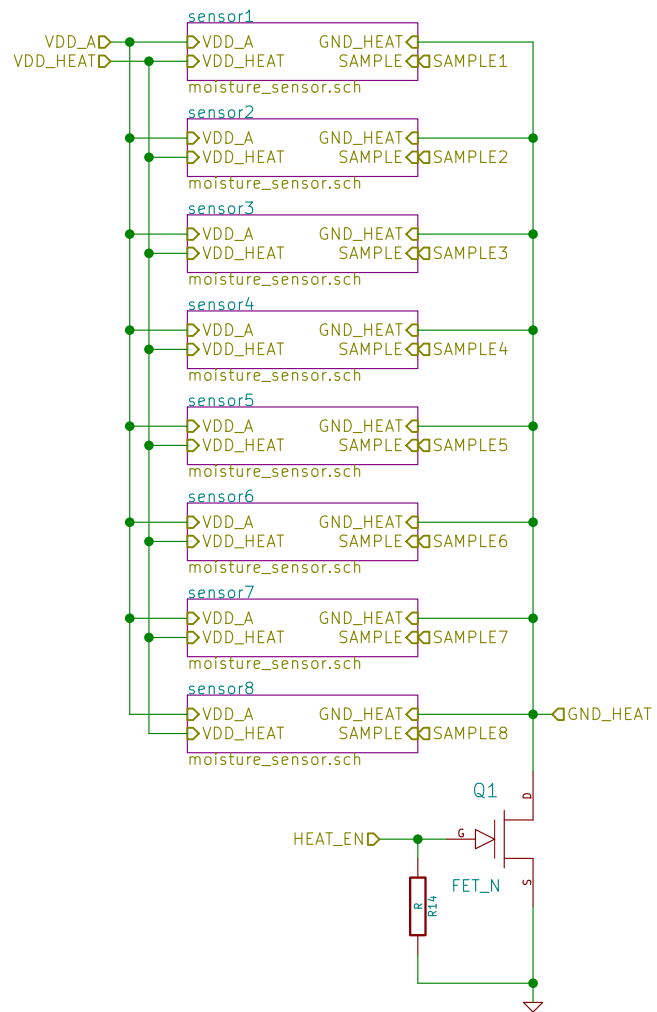
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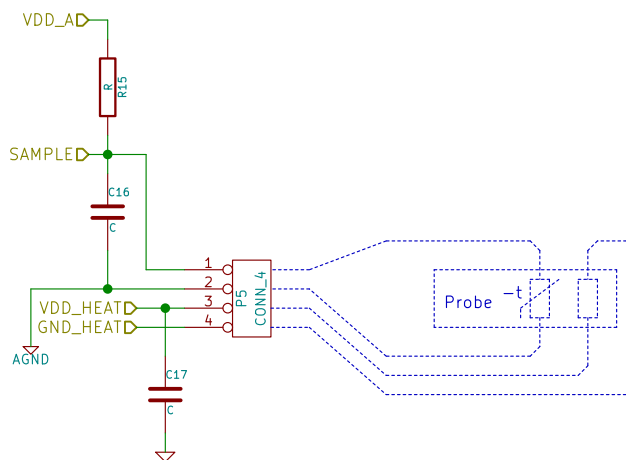
Size: A4 Date: 2015-09-17 BZR 6202-product  
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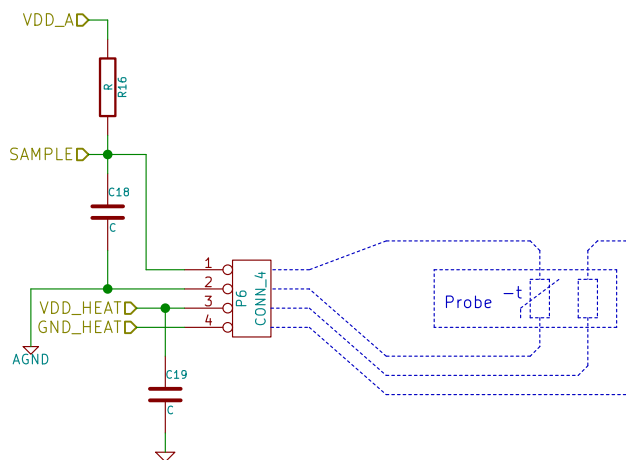


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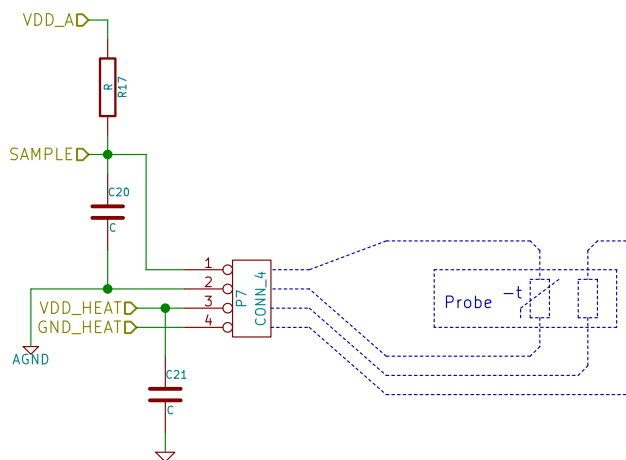
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Id: 6/19

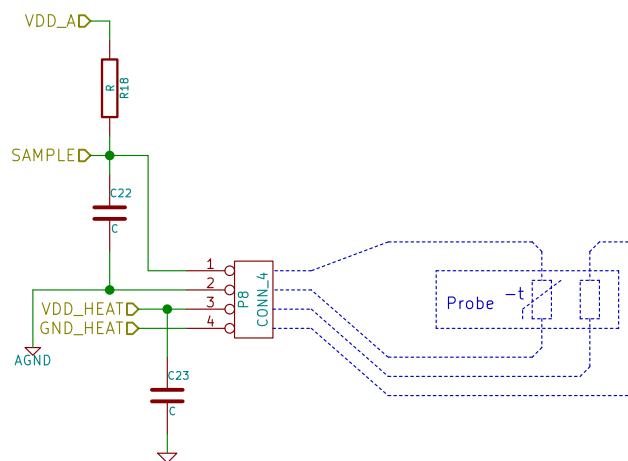


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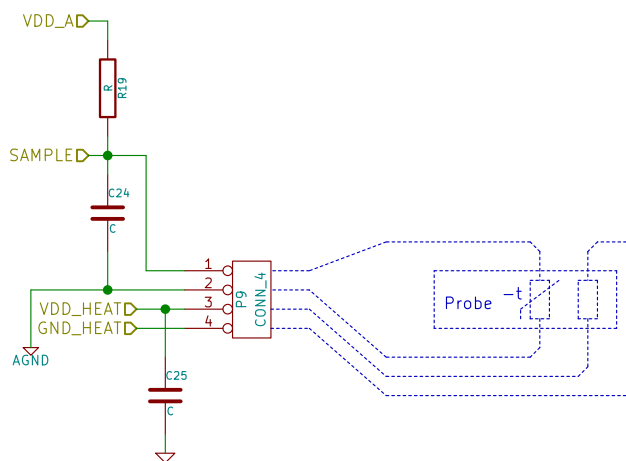
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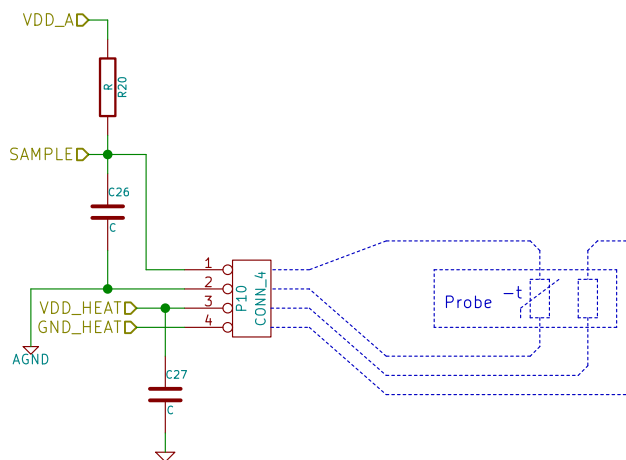


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**Rev:**  
Id: 9/19

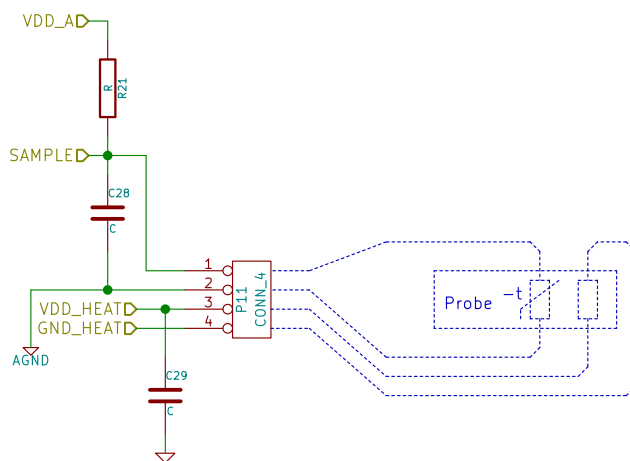


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**Rev:**  
Id: 10/19

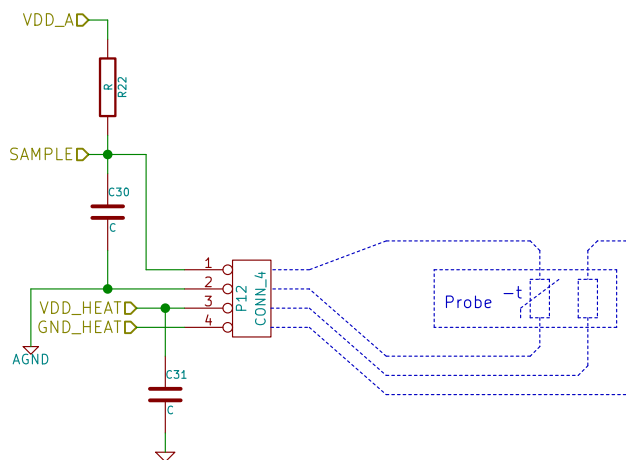


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**Rev:**  
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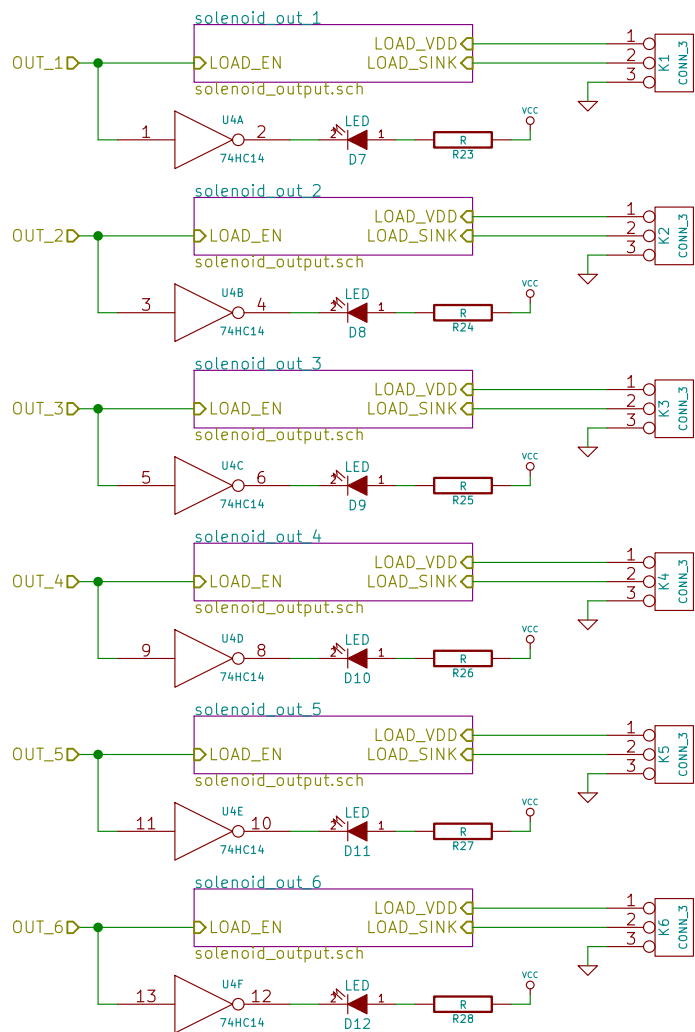


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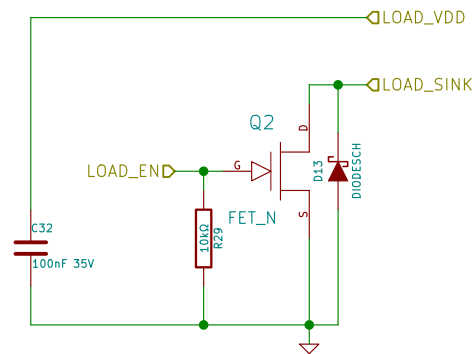
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KiCad E.D.A. kicad (2015-09-17 BZR 6202)-product

Date:  
Id: 13/19

**Rev:**

This sheet could be hooked up with a 3 terminal output  
So you can feed in supply and hook up a solenoid or so



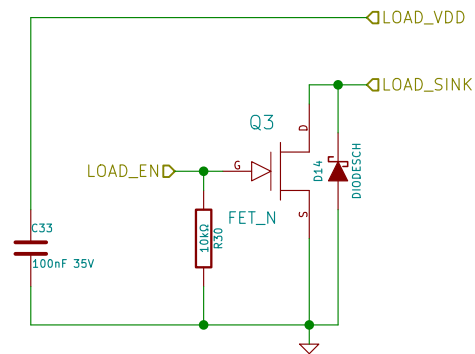
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**Title:**

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Rev: Id: 14/19

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So you can feed in supply and hook up a solenoid or so



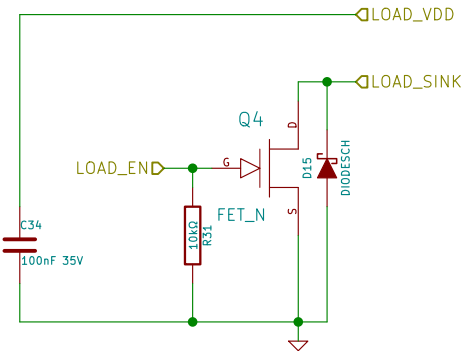
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KiCad E.D.A. kicad (2015-09-17 BZR 6202)-product

**Rev:**  
Id: 15/19

This sheet could be hooked up with a 3 terminal output  
So you can feed in supply and hook up a solenoid or so



Sheet: /control/solenoid\_out\_3/  
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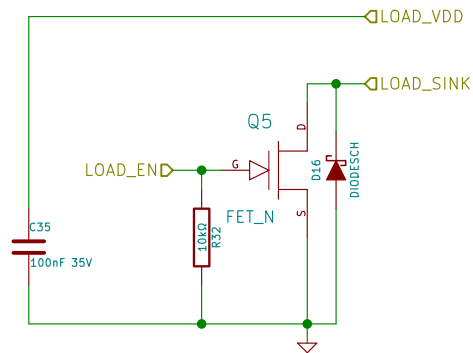
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Size: A4 Date:  
KiCad E.D.A. kicad (2015-09-17 BZR 6202)-product

Rev:  
Id: 16/19



This sheet could be hooked up with a 3 terminal output  
So you can feed in supply and hook up a solenoid or so



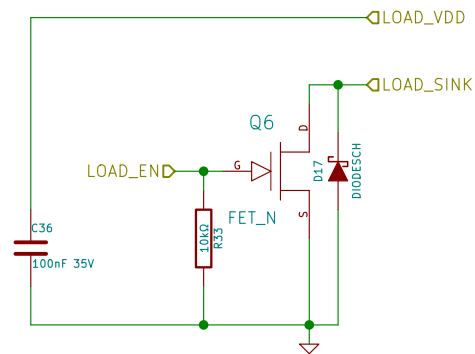
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Size: A4      Date:      KiCad E.D.A.   kicad (2015-09-17 BZR 6202)-product

**Rev:**  
Id: 17/19

This sheet could be hooked up with a 3 terminal output  
So you can feed in supply and hook up a solenoid or so



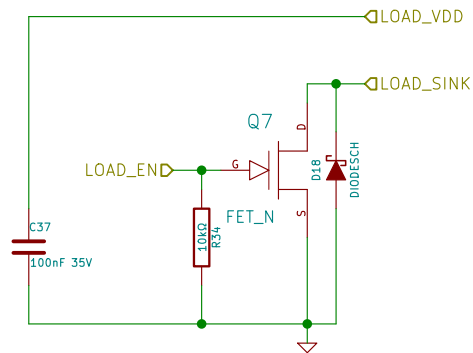
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**Rev:**  
Id: 18/19

This sheet could be hooked up with a 3 terminal output  
So you can feed in supply and hook up a solenoid or so



Sheet: /control/solenoid\_out\_6/  
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**Title:**

Size: A4 Date: KiCad E.D.A. kicad (2015-09-17 BZR 6202)-product

Rev: Id: 19/19