

Title: **CAN Bus Sensor Node**

Section: **Sensor.prj**

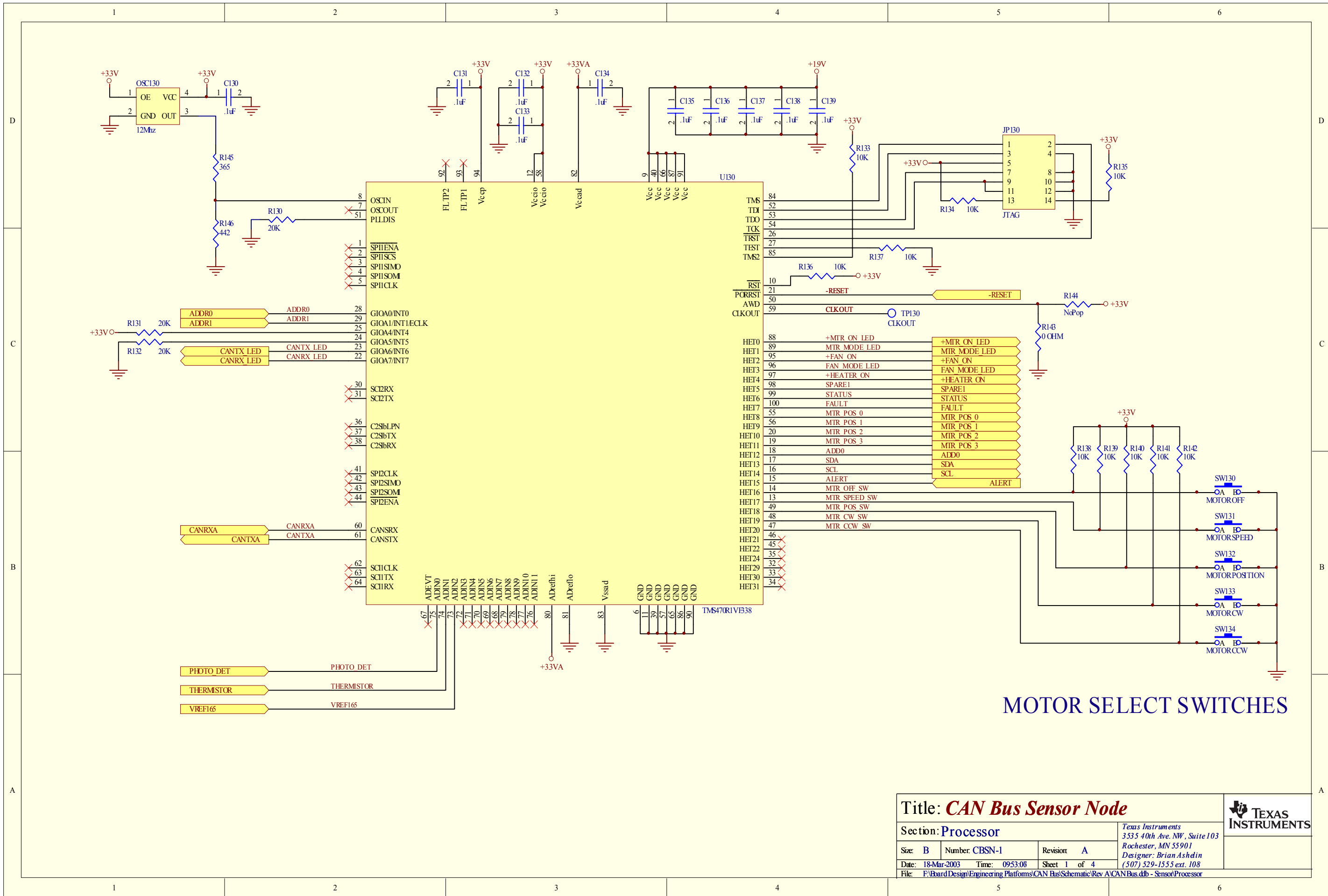
Size: **B** Number: **CBSN-1** Revision: **A**

Date: **18-Mar-2003** Time: **09:51:31** Sheet **1** of **1**

File: **F:\Board Design\Engineering Platforms\CAN Bus\Schematic\Rev A\CAN Bus.dtb - Sensor\Sensor.prj**

Texas Instruments  
3535 40th Ave. NW, Suite 103  
Rochester, MN 55901  
Designer: Brian Ashelin  
(507) 529-1555 ext. 108





### MOTOR SELECT SWITCHES

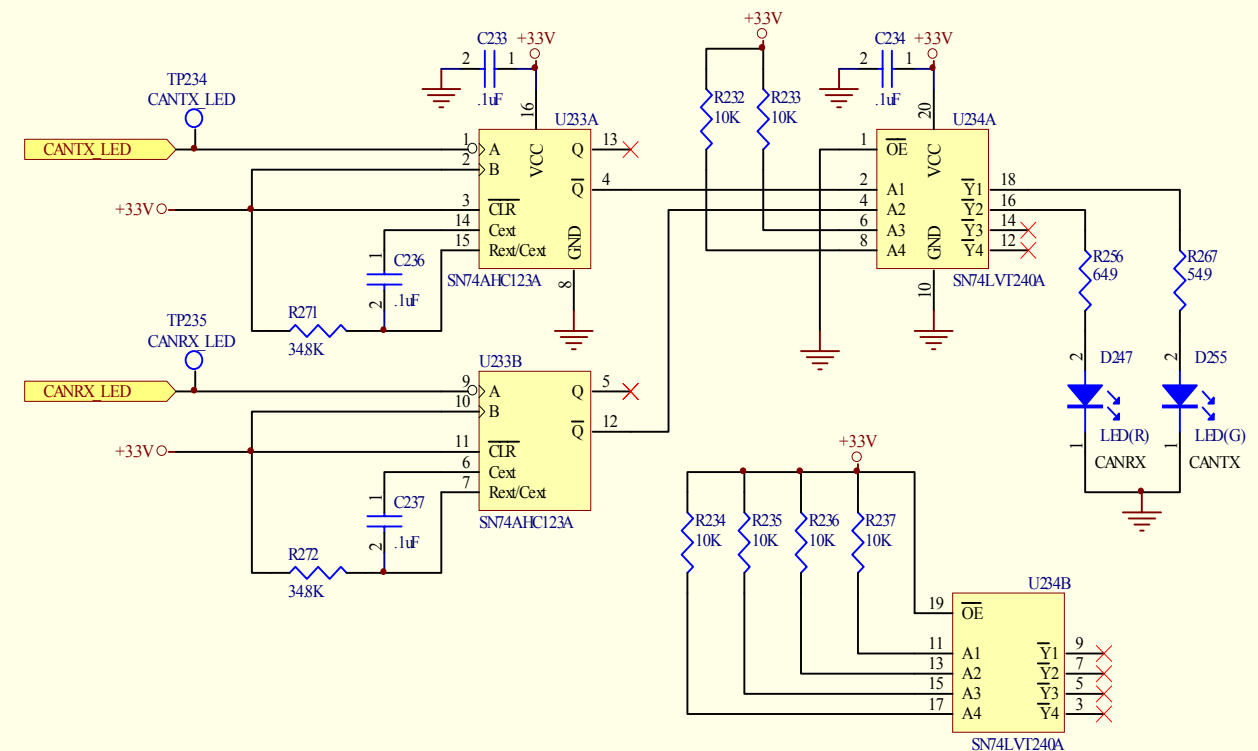
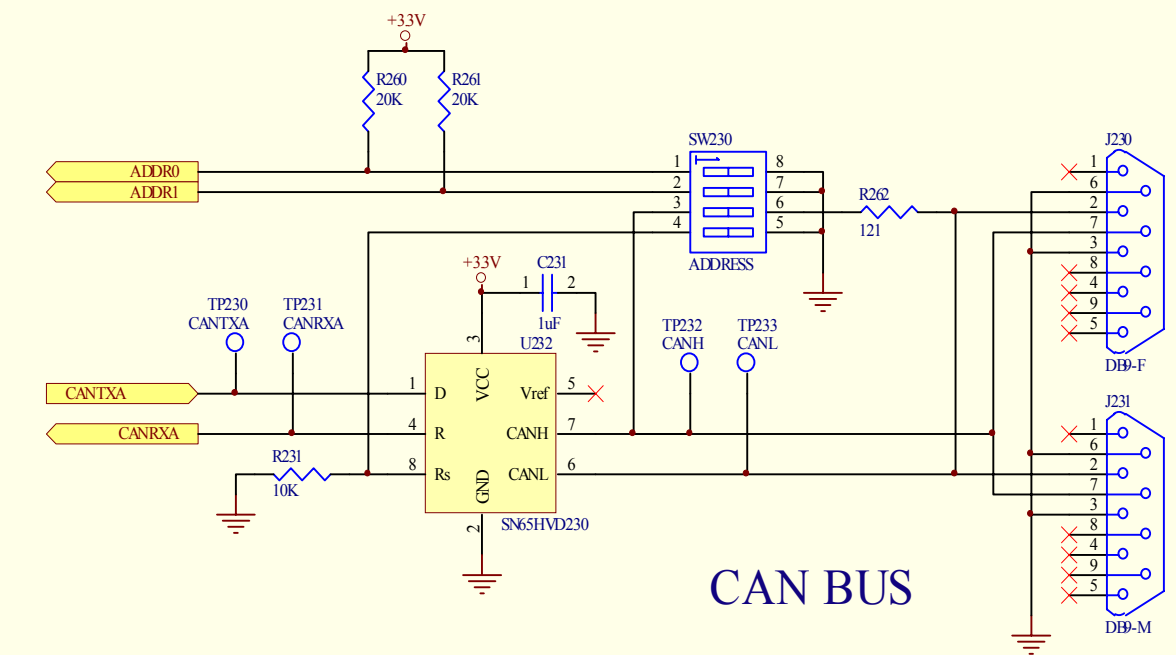
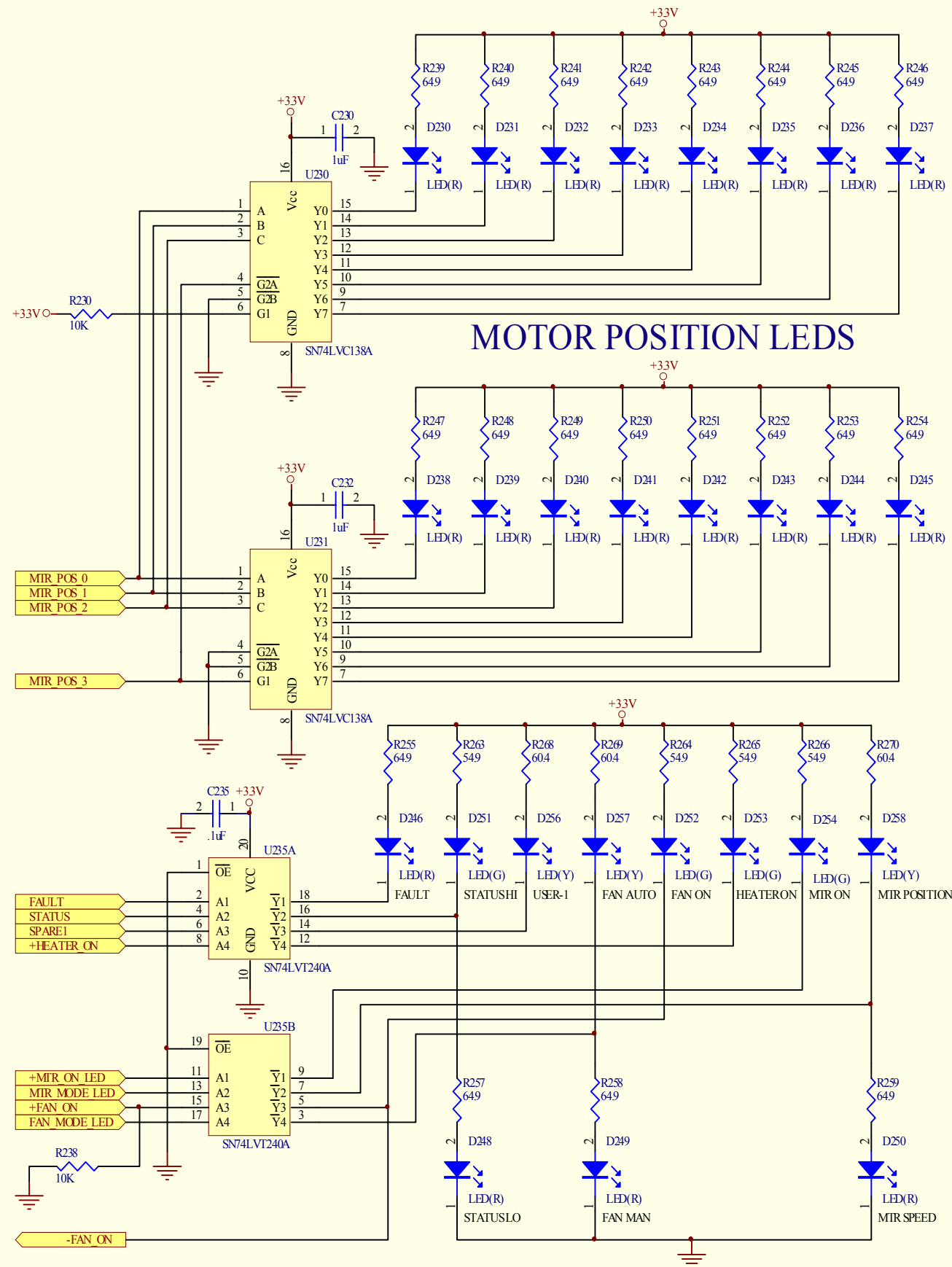
Title: **CAN Bus Sensor Node**

Section: **Processor**

Size: **B**    Number: **CBSN-1**    Revision: **A**  
 Date: **18-Mar-2003**    Time: **09:53:06**    Sheet **1** of **4**  
 File: **F:\Board Design\Engineering Platforms\CAN Bus\Schematic\Rev A\CAN Bus.dtb - Sensor Processor**

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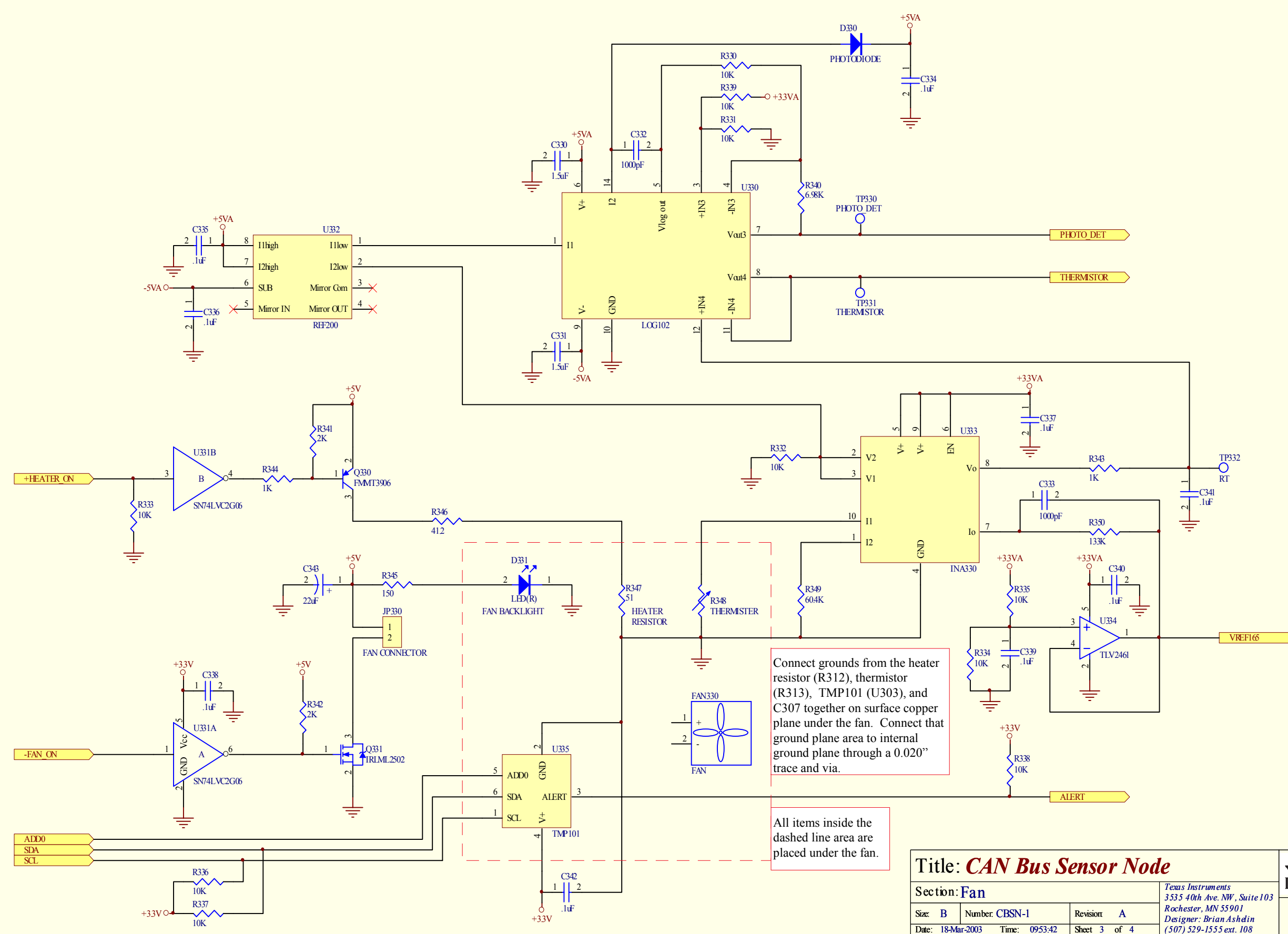




**Title: CAN Bus Sensor Node**

Section: Status LED's and CAN BUS		Texas Instruments 3535 40th Ave. NW, Suite 103 Rochester, MN 55901 Designer: Brian Ashdin (507) 529-1555 ext. 108	
Size: B	Number: CBSN-1	Revision: A	
Date: 18-Mar-2003	Time: 09:53:27	Sheet 2 of 4	
File: F:\Board Design\Engineering Platforms\CAN Bus\Schematic\Rev A\CAN Bus.dtb - Sensor Status LEDs and CAN BUS			



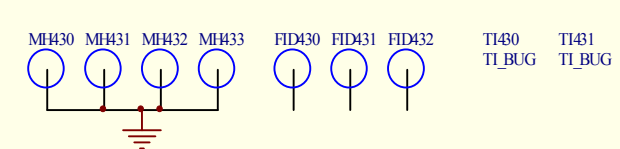
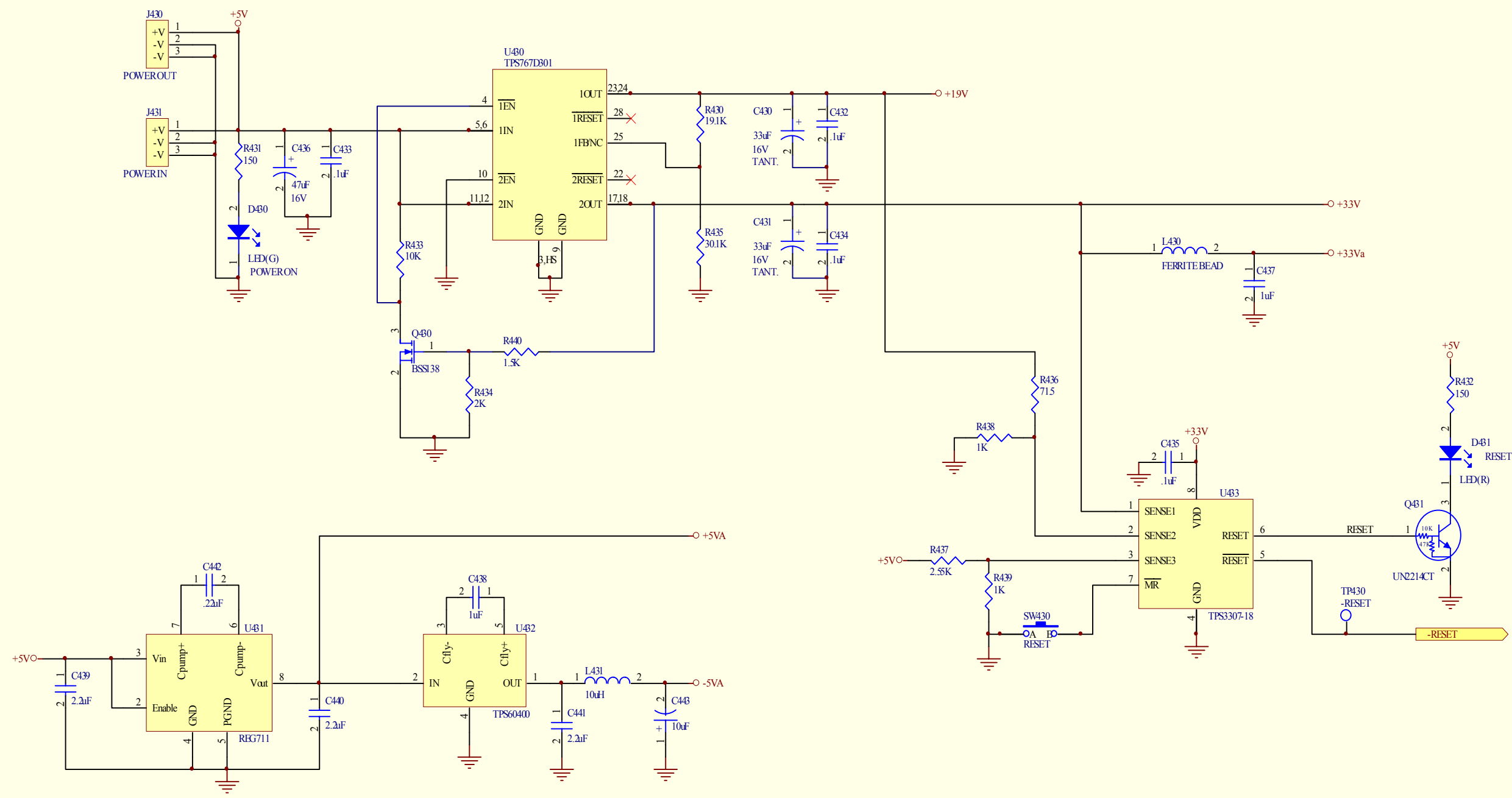


Connect grounds from the heater resistor (R312), thermistor (R313), TMP101 (U303), and C307 together on surface copper plane under the fan. Connect that ground plane area to internal ground plane through a 0.020" trace and via.

All items inside the dashed line area are placed under the fan.

<b>Title: CAN Bus Sensor Node</b>			
<b>Section: Fan</b>			
Size: B	Number: CBSN-1	Revision: A	Texas Instruments 3535 40th Ave. NW, Suite 103 Rochester, MN 55901 Designer: Brian Ashdin (507) 529-1555 ext. 108
Date: 18-Mar-2003	Time: 0953:42	Sheet 3 of 4	
File: F:\Board Design\Engineering Platforms\CAN Bus\Schematic\Rev A\CAN Bus.dtb - SensorFan			





<b>Title: CAN Bus Sensor Node</b>			
<b>Section: Power</b>			
Size: B	Number: CBSN-1	Revision: A	Texas Instruments 3535 40th Ave. NW, Suite 103 Rochester, MN 55901 Designer: Brian Ashdin (507) 529-1555 ext. 108
Date: 18-Mar-2003	Time: 0954:01	Sheet 4 of 4	
File: F:\Board Design\Engineering Platforms\CAN Bus\Schematic\Rev A\CAN Bus.dtb - SensorPower			

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