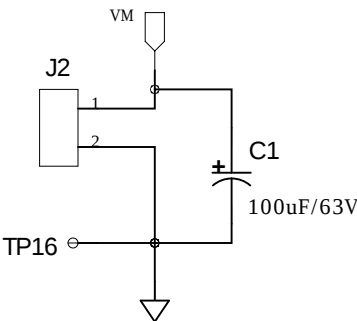
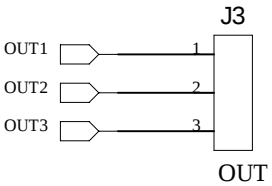


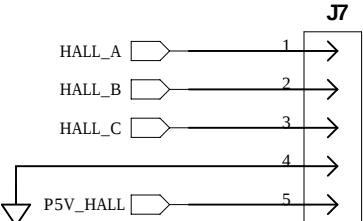
Input Connector



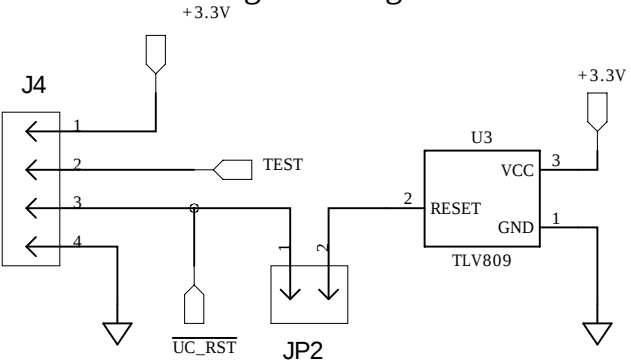
Motor Terminals Connector



Hall-Effect Sensor Connector

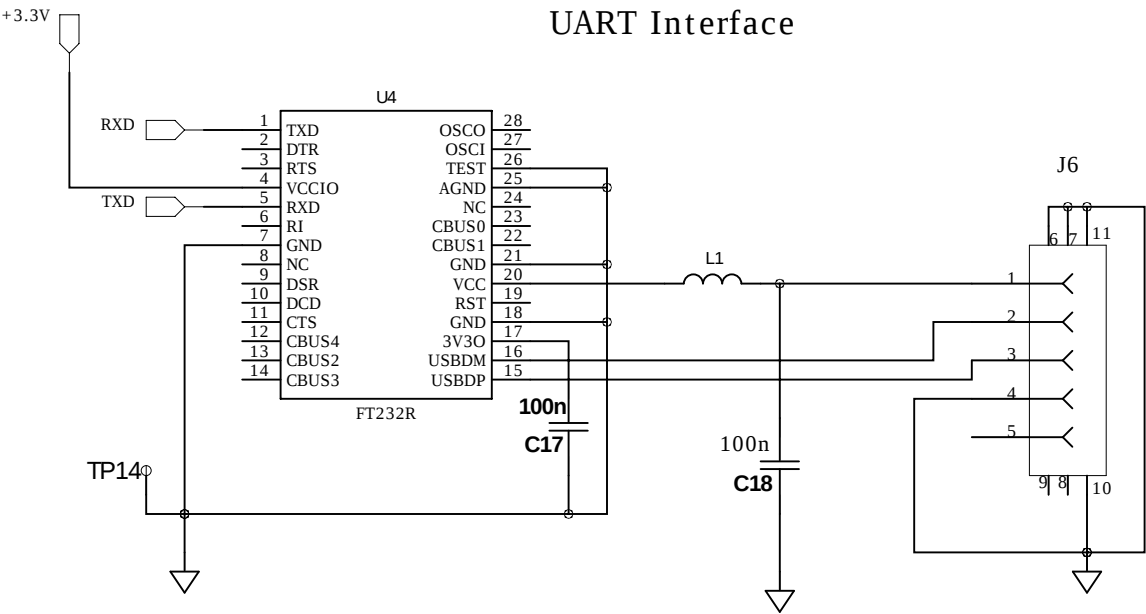


SPI-BY-WIRE Programming Connector

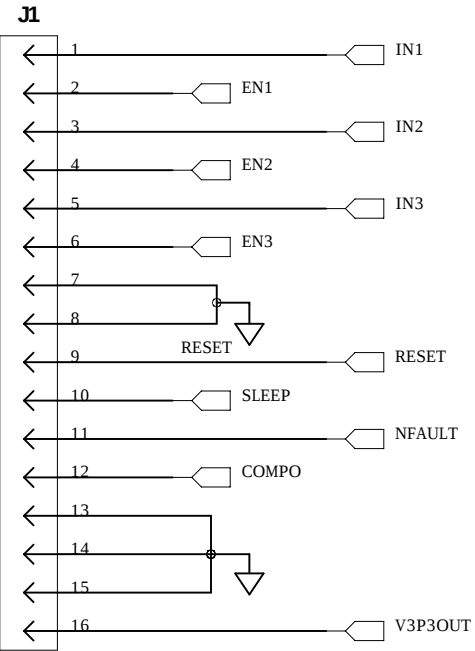


Close:normal operating condition  
Open: only for programming MCU U5

UART Interface

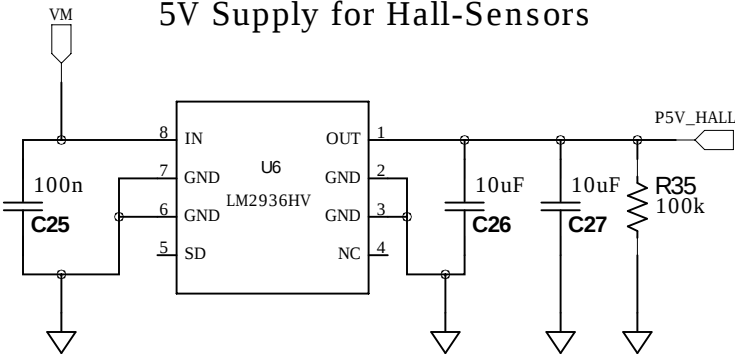


DRV8313 Signal Interface Connector

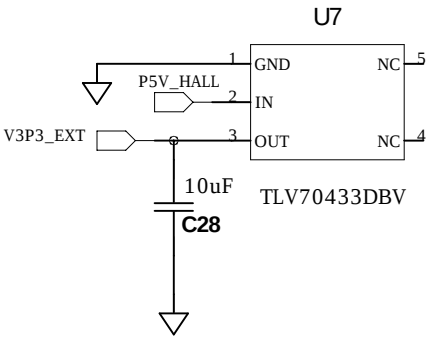


J1 can be used to inetrface DRV8313  
from external Micro-Controller

5V Supply for Hall-Sensors



3.3V Power Supply

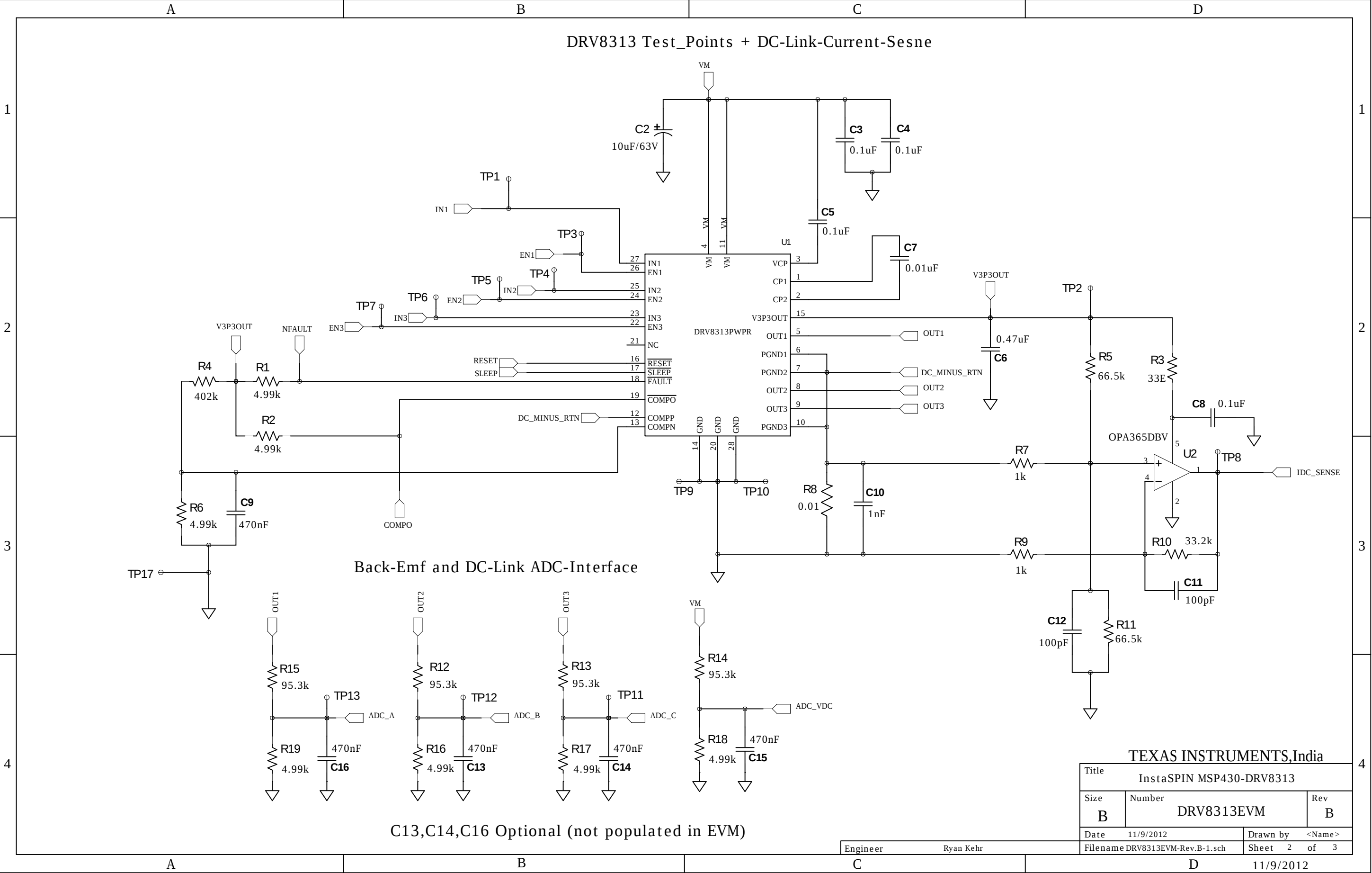


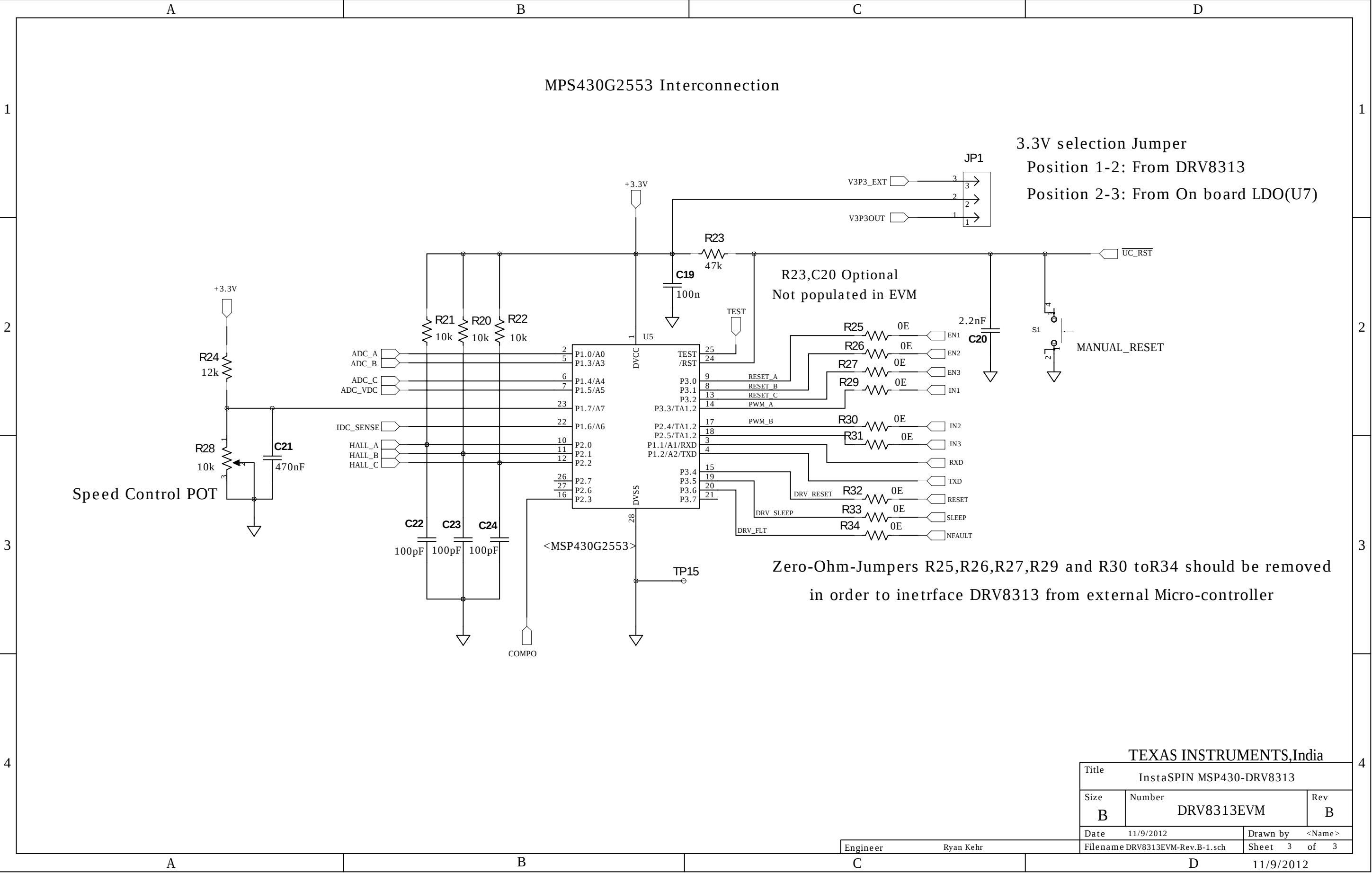
TEXAS INSTRUMENTS,India

|                          |                        |                 |
|--------------------------|------------------------|-----------------|
| Title                    |                        |                 |
| InstaSPIN MSP430-DRV8313 |                        |                 |
| Size                     | Number                 | Rev             |
| B                        | DRV8313EVM             | B               |
| Date                     | 11/9/2012              | Drawn by <Name> |
| Filename                 | DRV8313EVM-Rev.B-1.sch | Sheet 1 of 3    |

Engineer Ryan Kehr

11/9/2012





|                                |                                 |              |       |
|--------------------------------|---------------------------------|--------------|-------|
| TEXAS INSTRUMENTS,India        |                                 |              |       |
| Title InstaSPIN MSP430-DRV8313 |                                 |              |       |
| Size B                         | Number DRV8313EVM               |              | Rev B |
| Date 11/9/2012                 | Drawn by <Name>                 |              |       |
| Engineer Ryan Kehr             | Filename DRV8313EVM-Rev.B-1.sch | Sheet 3 of 3 |       |