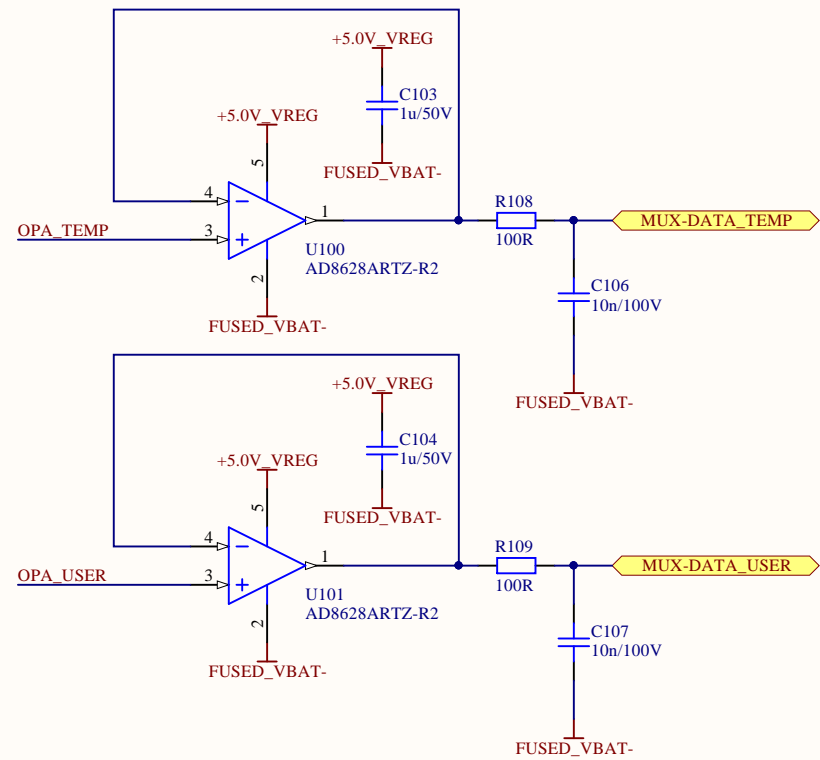
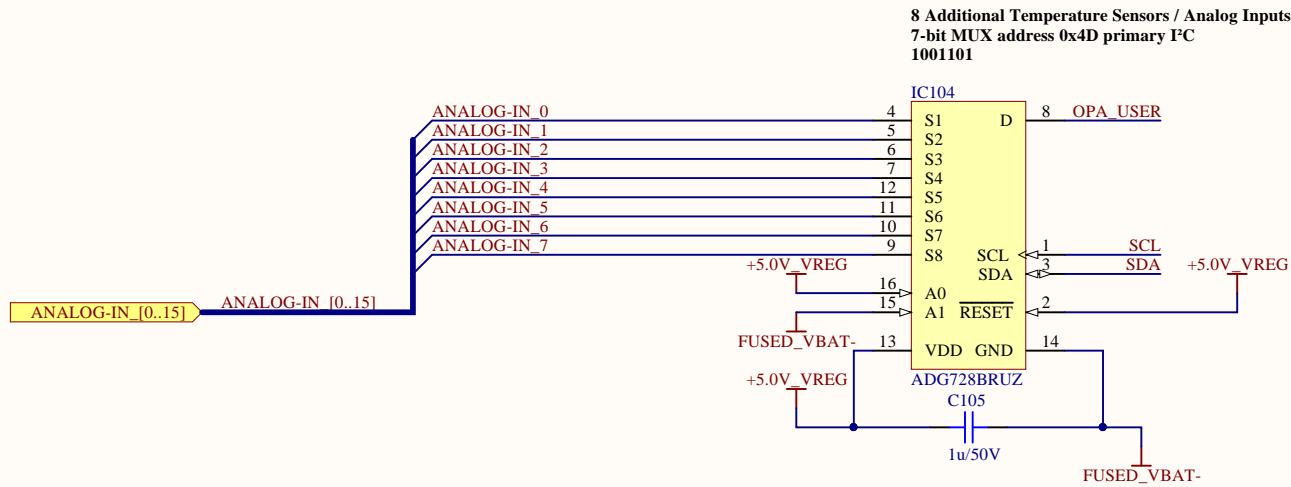
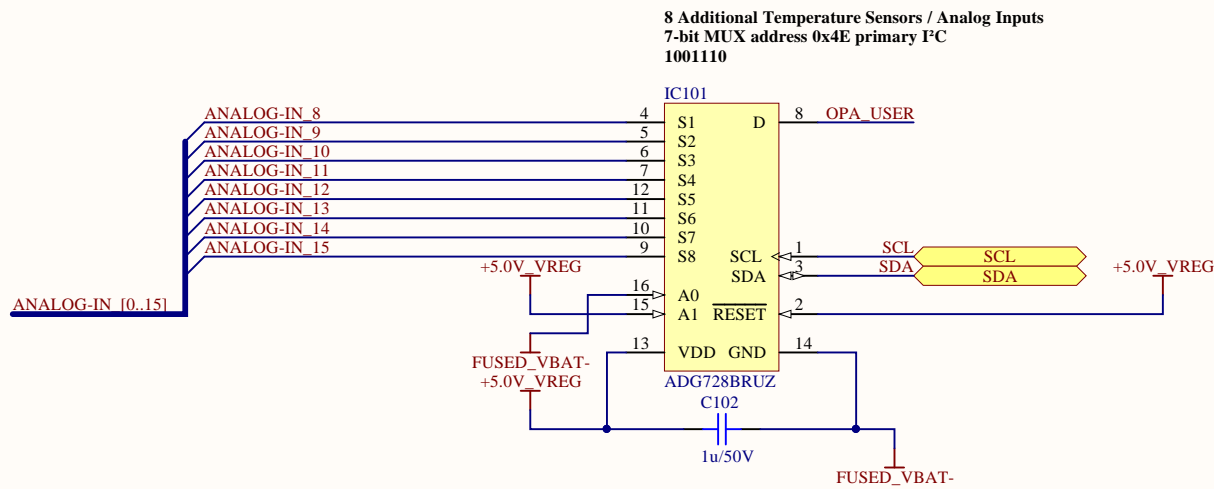
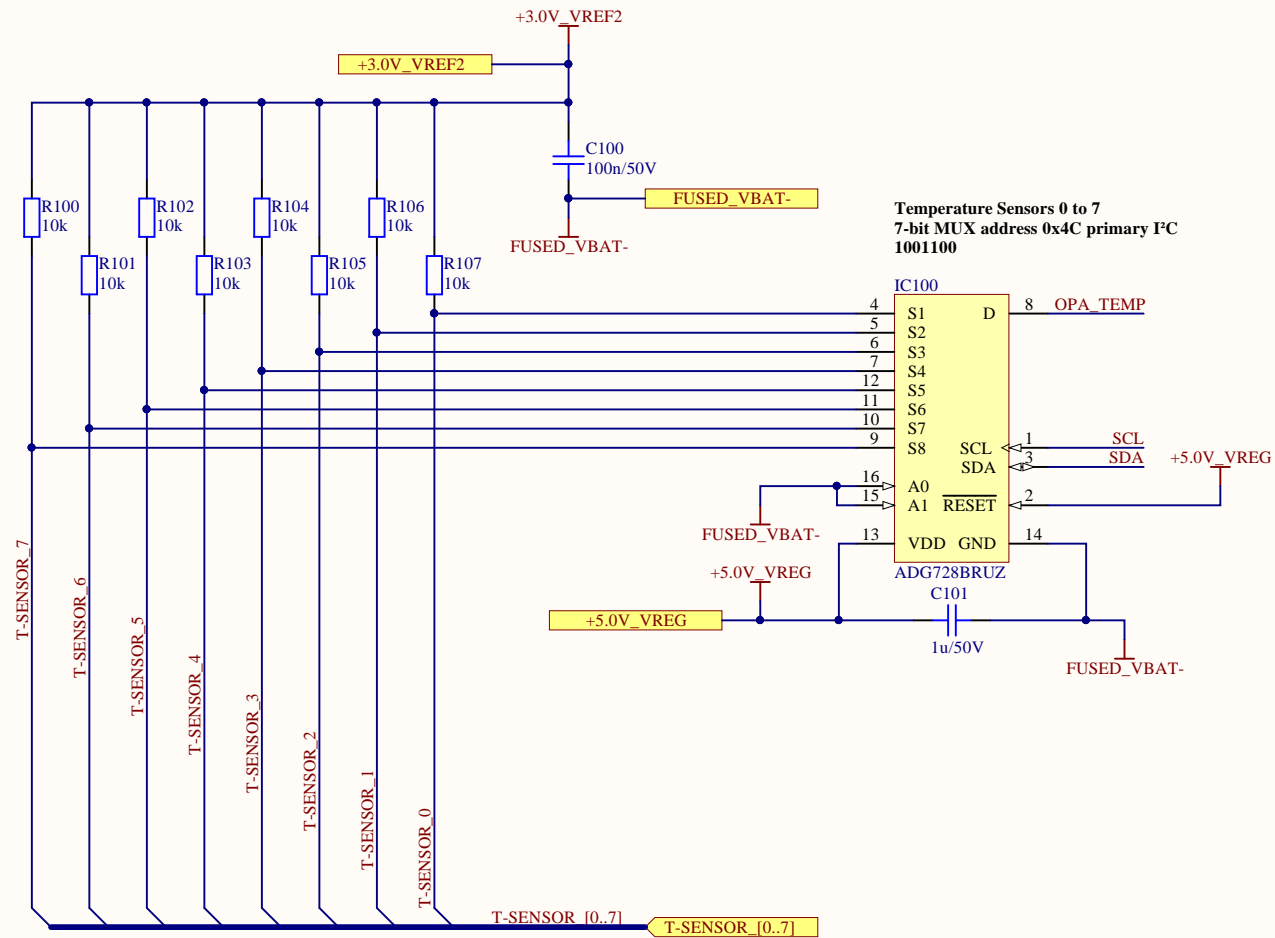
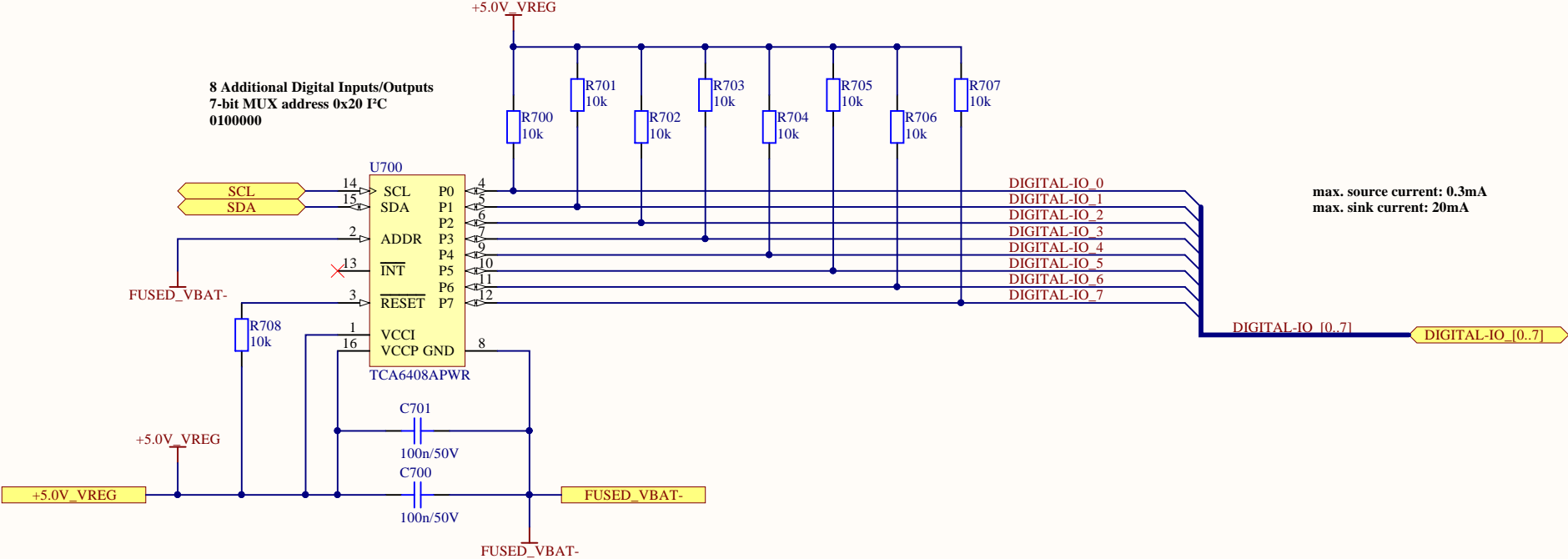


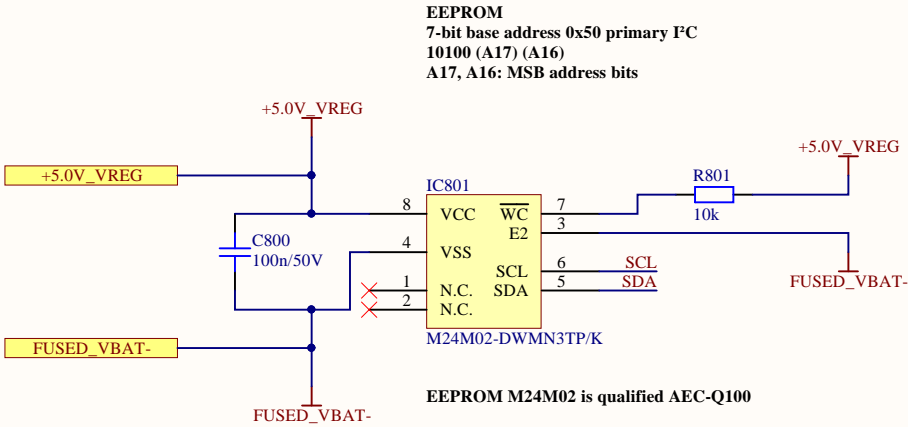
Replace optocouplers with AEC-Q101 qualified Toshiba TLX9291A for automotive applications.

Design Note:
replace ADG728BRUZ with ADG728WBRUZ-REEL7 for
automotive compliance



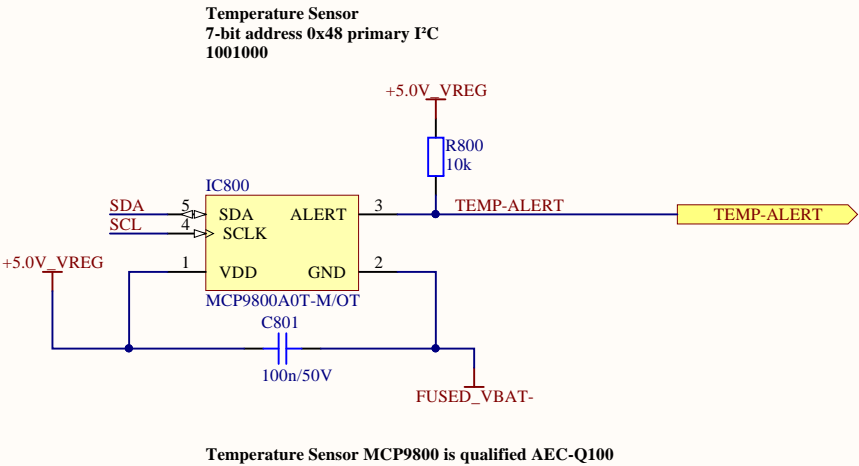


SDA
SCL



W\C\:
floating: write operation enabled
pulled high: write operations disabled

When Write Control (WC) is driven high, device select and address bytes are acknowledged,
data bytes are not acknowledged.



±0.5°C (typ.) at +25°C
±1°C (max.) from -10°C to +85°C
±2°C (max.) from -10°C to +125°C
±3°C (max.) from -55°C to +125°C

Attention: use -A0T Type (I2C address conflict otherwise)!

Alert temperature can be configured via I2C



www.foxbms.org

developed by:

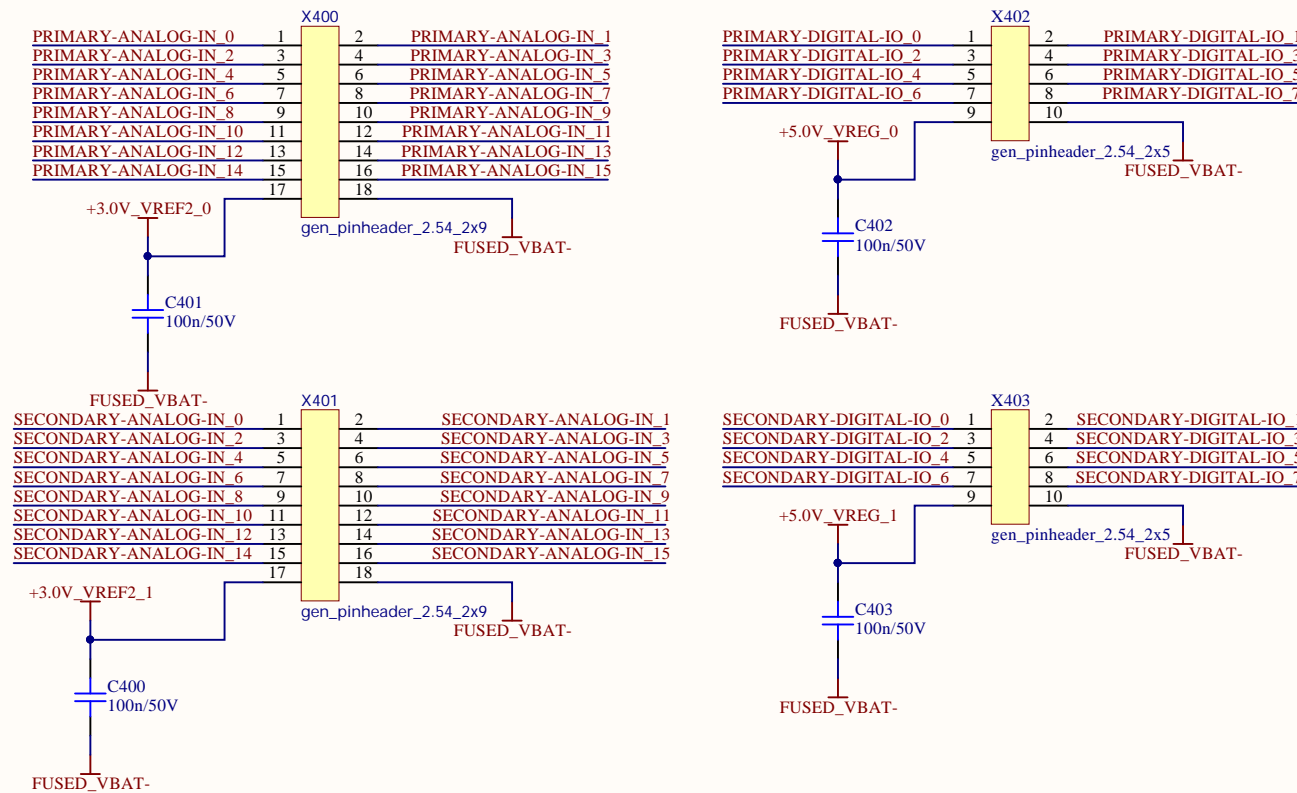
Fraunhofer IISB
Schottkystr. 10
91058 Erlangen
Germany



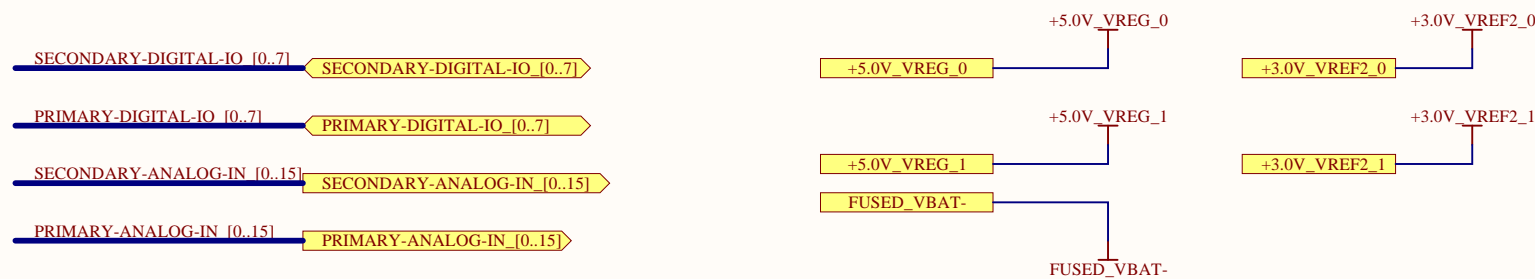
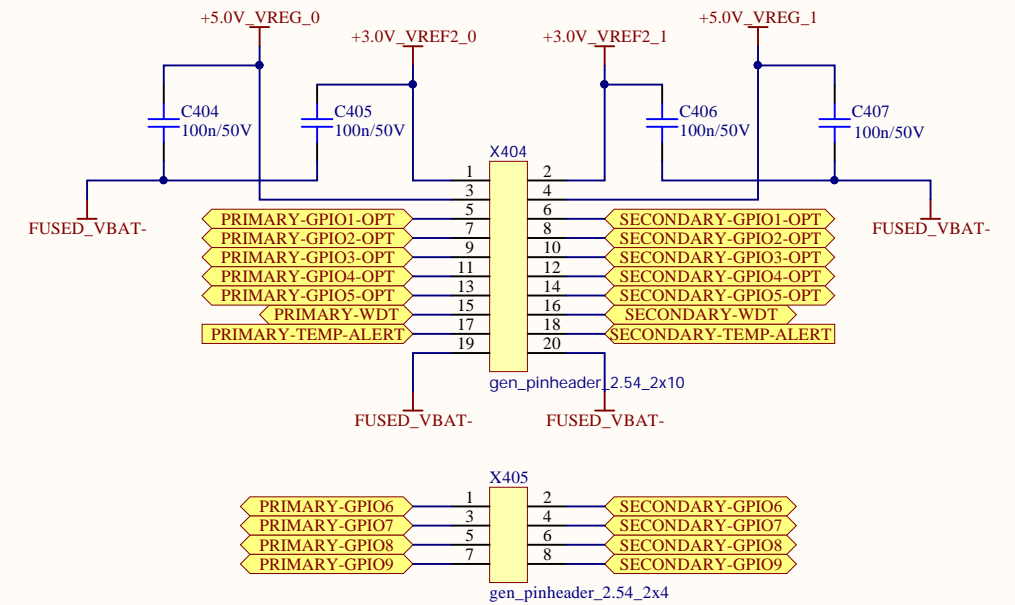
www.iisb.fraunhofer.de

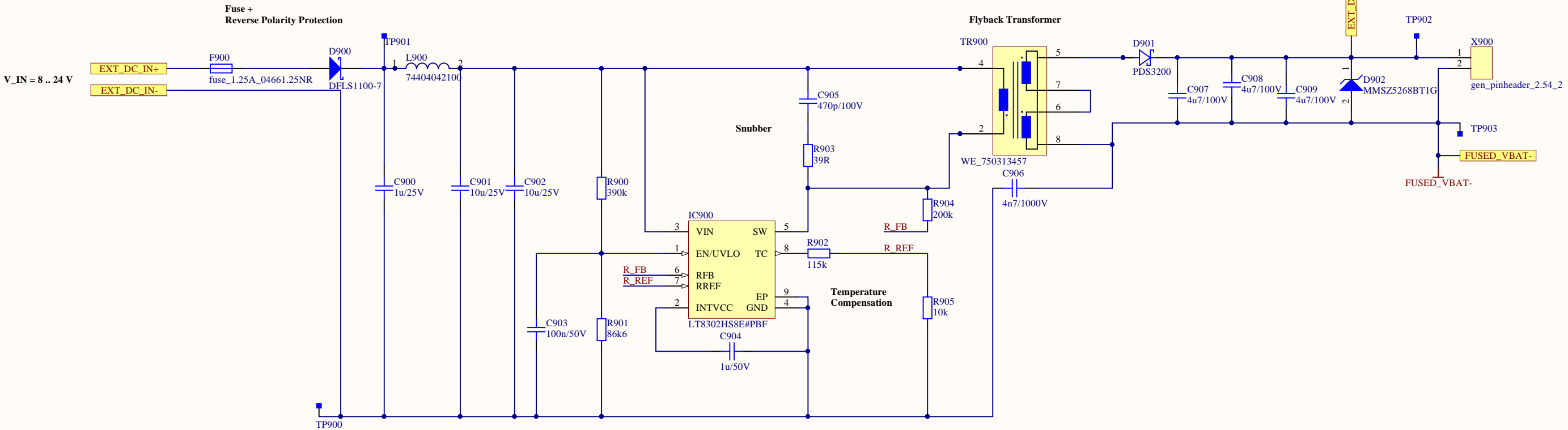
Project	BMS-Slave 18-Cell	Description	Primary EEPROM and Board T-Sensor	File	eeeprom_temp_sens.SchDoc
Author	foxBMS Team	License	Creative Commons Attribution 4.0	Version	1.1.3
				Release Date	2018-08-08
				Sheet	9 / 15

Pin-Header for additional analog and digital inputs/outputs



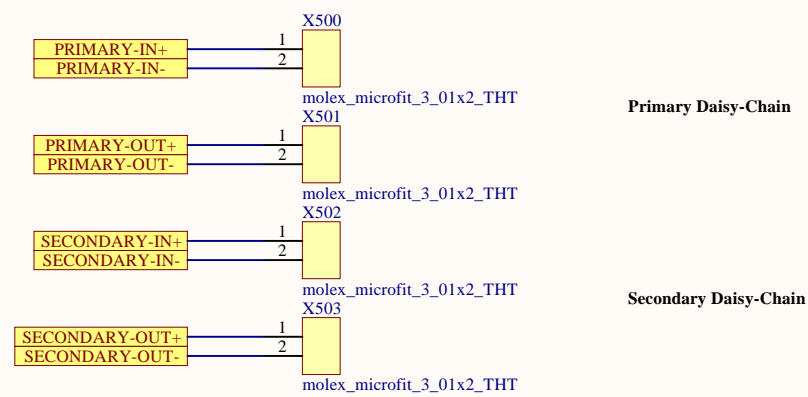
GPIO Extension Connector

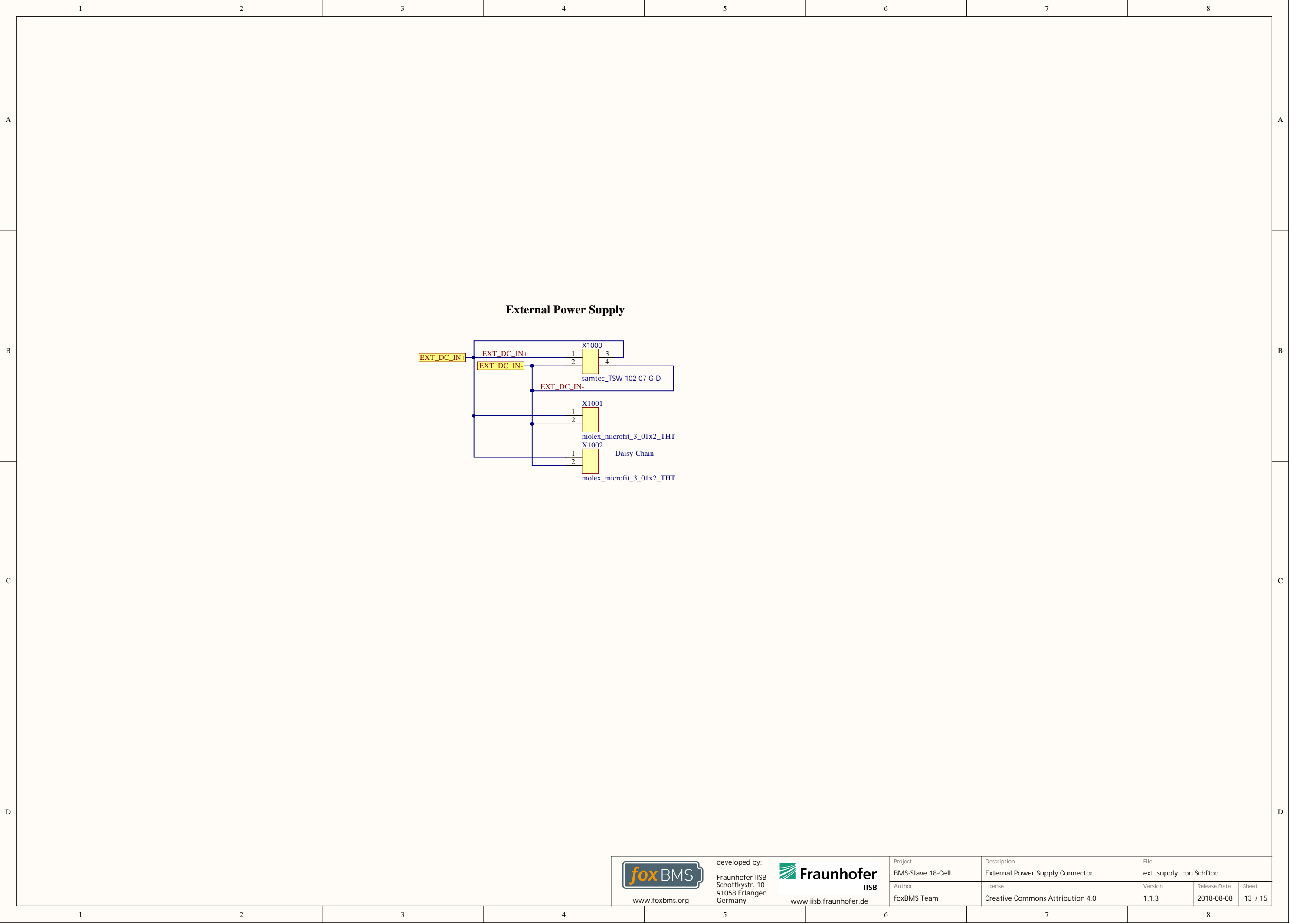




Daisy Chain Connectors

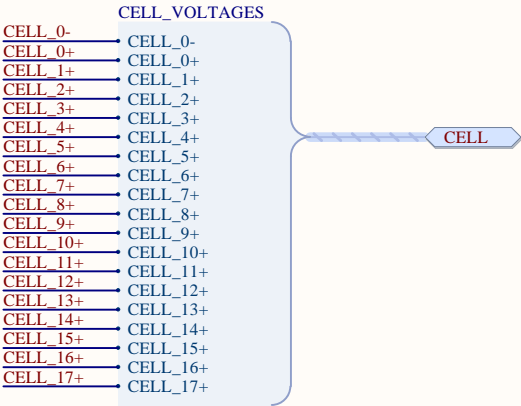
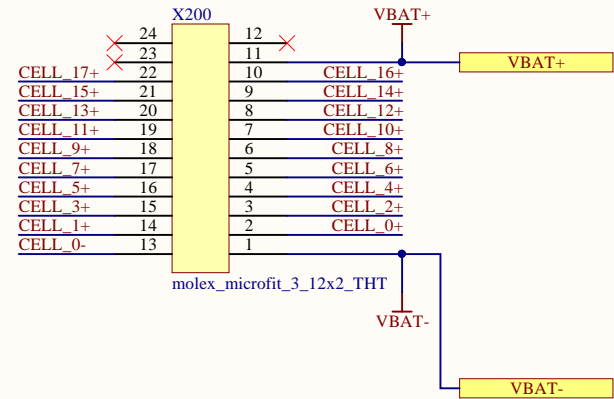
4x 2p connector equal for 12/15/18/20 cell version





Batterie Cell Voltage Sense Connector

24p connector equal for 12/15/18/20 cell version



Temperature Sensor Connector

2x 16p connector equal for 12/15/18/20 cell version

