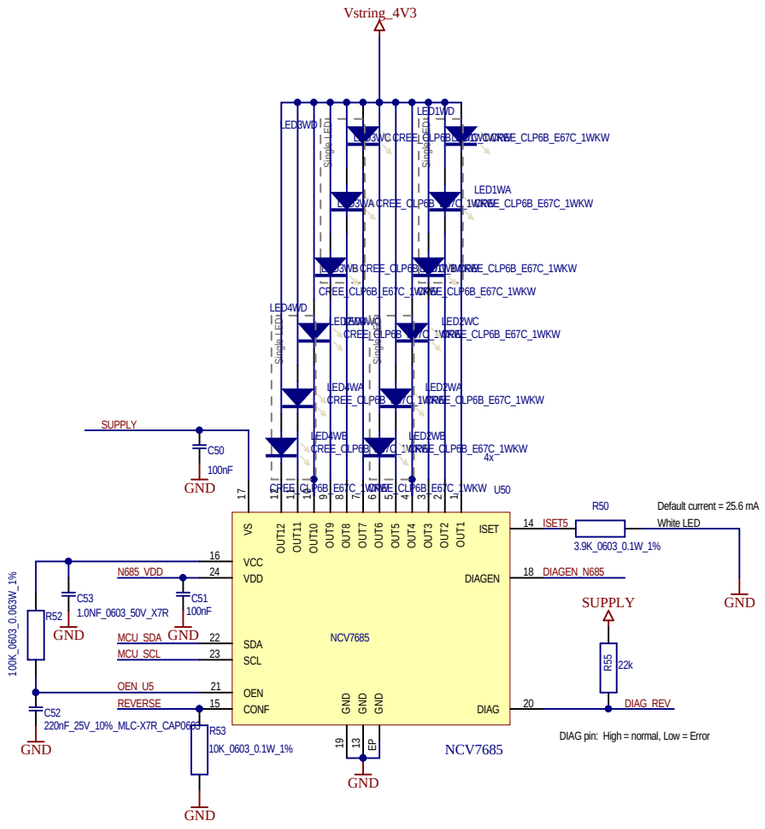
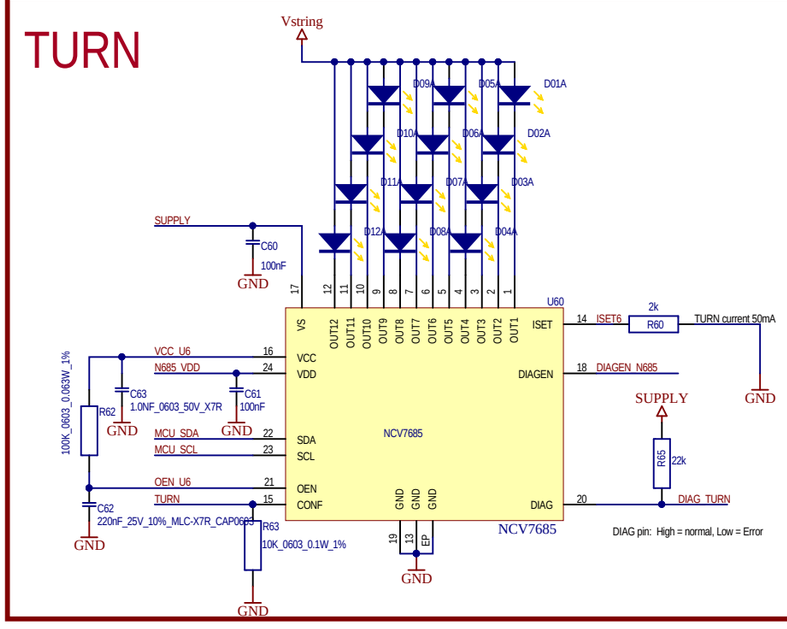
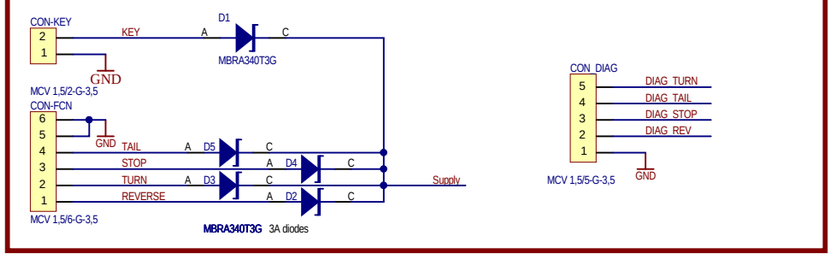
REVERSE



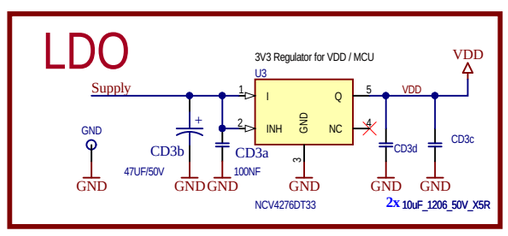
TURN



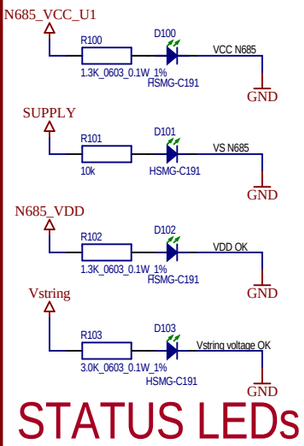
Connectors



LDO

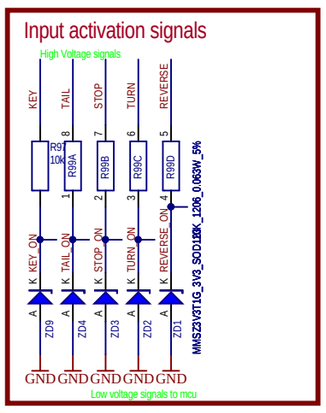


STATUS LEDs

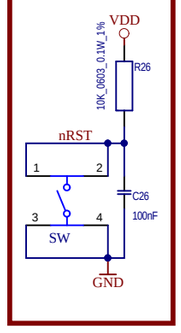


Vf LEDs (typ) RED	=	1.93V
Vf LEDs (typ) YELLOW	=	2.15V
Vf LEDs (typ) WHITE	=	3.30V
VDCDC (Normal)	=	4.3V
Vf bDiode(typ)	=	0.35V max 0.5V min 0.3V
VSTR	=	2.9V

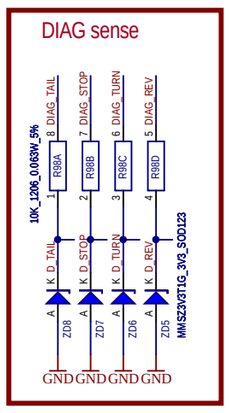
Input activation signals



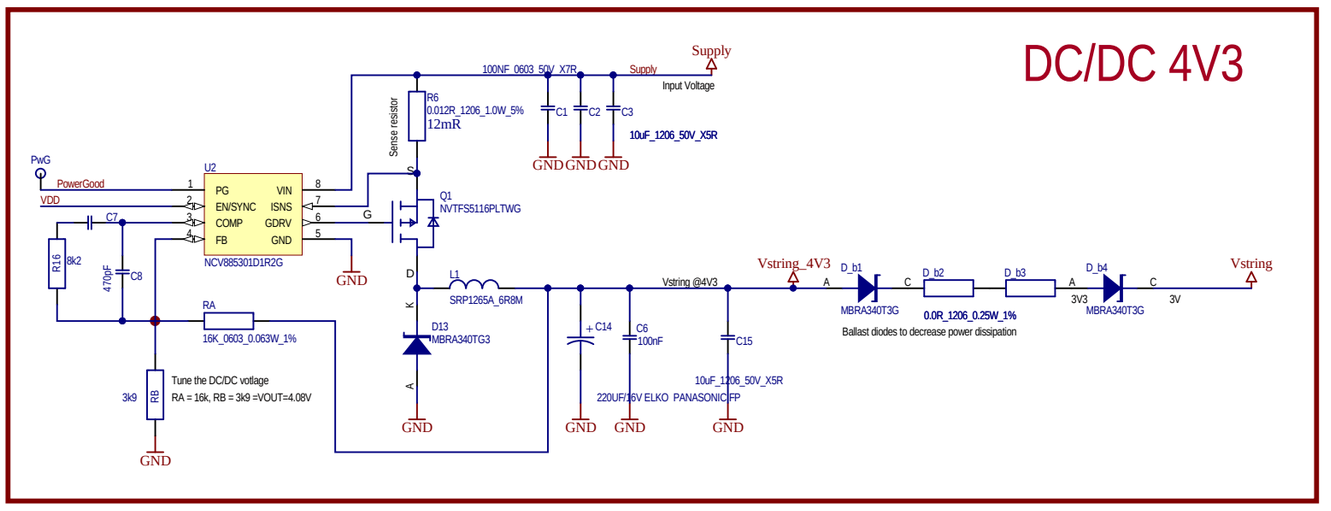
Reset Circuit



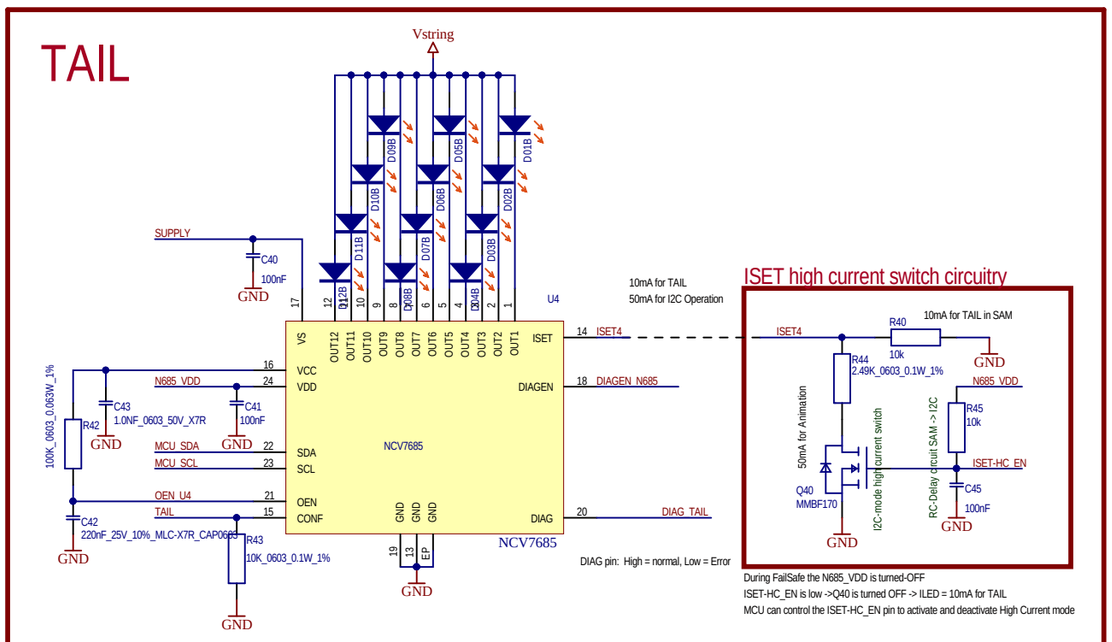
DIAG sense



DC/DC 4V3



TAIL



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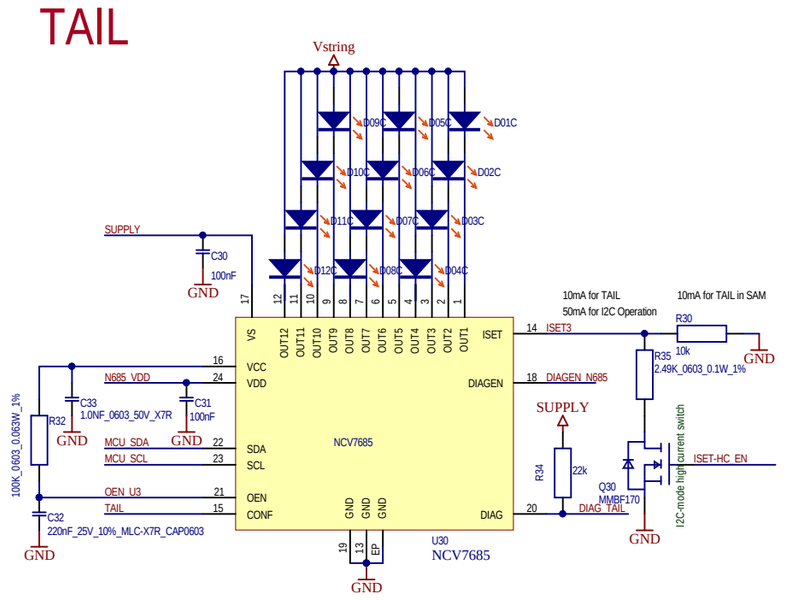
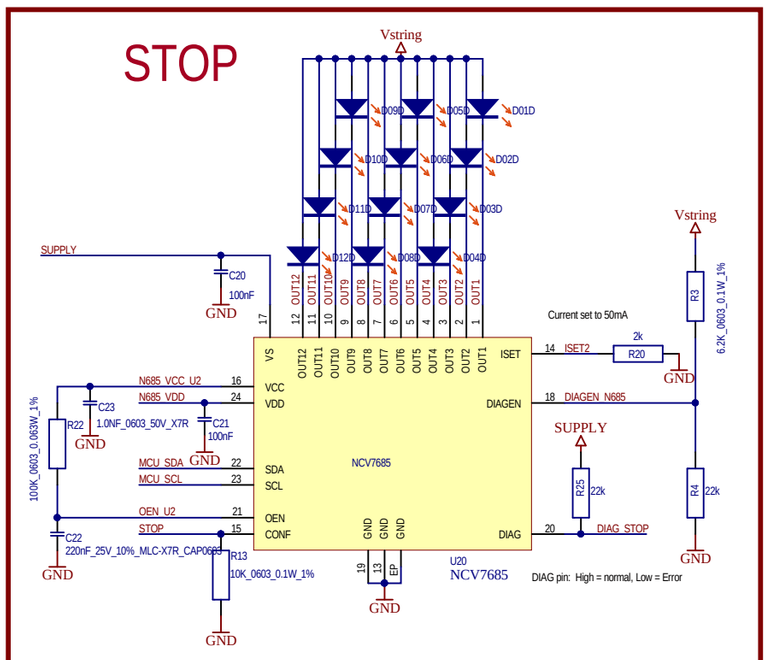
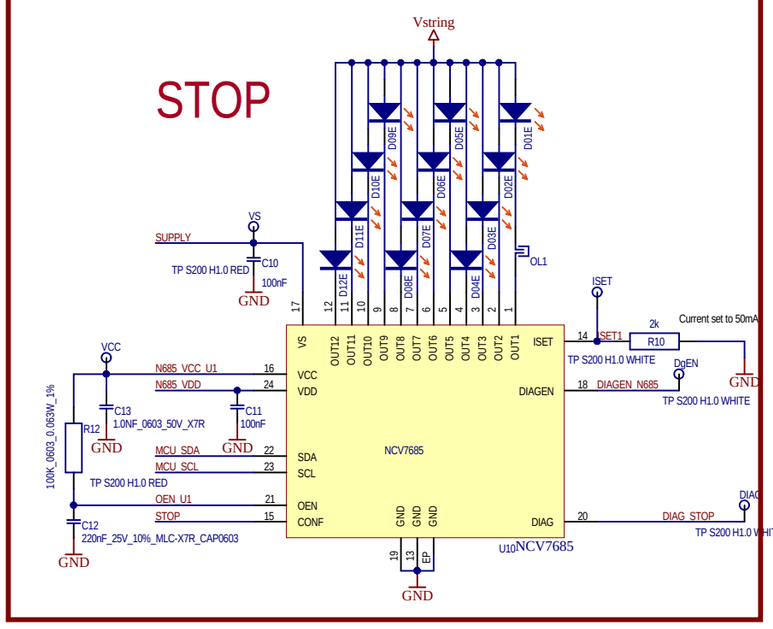


STOP

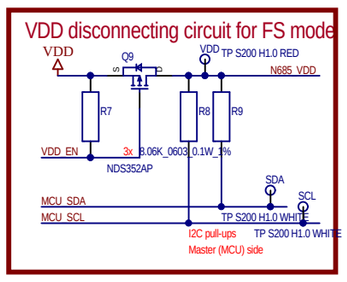


STOP

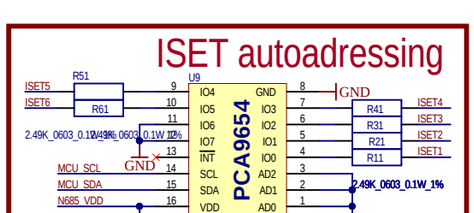


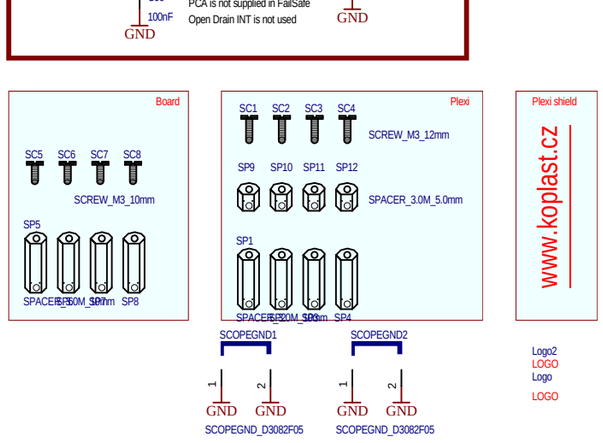
If one device will be corrupted and VDD is switched off,
then it will corrupt whole I2C bus due to ESD diodes on the SDA,SCL pins

VDD disconnecting circuit for FS mode

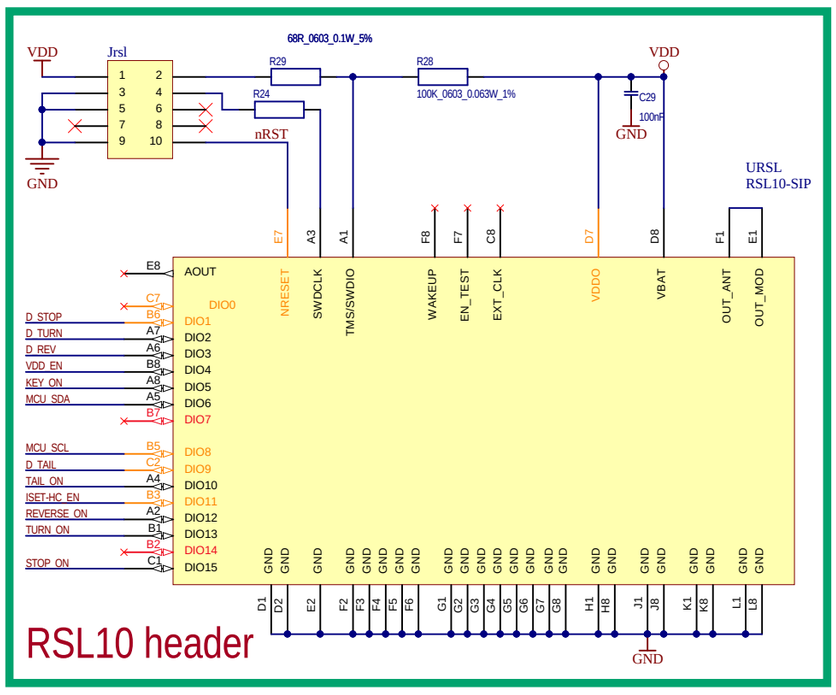


ISET autoadressing





RSL10 header



ON SEMICONDUCTOR
<Edit Project Parameters - Organization>
Videnska 125 619 00 Brno Czech Republic

PROJECT	NCV7685_EVB_V3-HIGH			
SCHEMATIC	NCV7685_EVB_V3-HIGH.SchDoc			
CUSTOMER	<Customer>		AUTHOR	L.Bazant
Size	REV.	SHEET No.	TOTAL SHEETS	TIMESTAMP
A3	A	1	3	30-Apr-21 16:46:56

1.0C