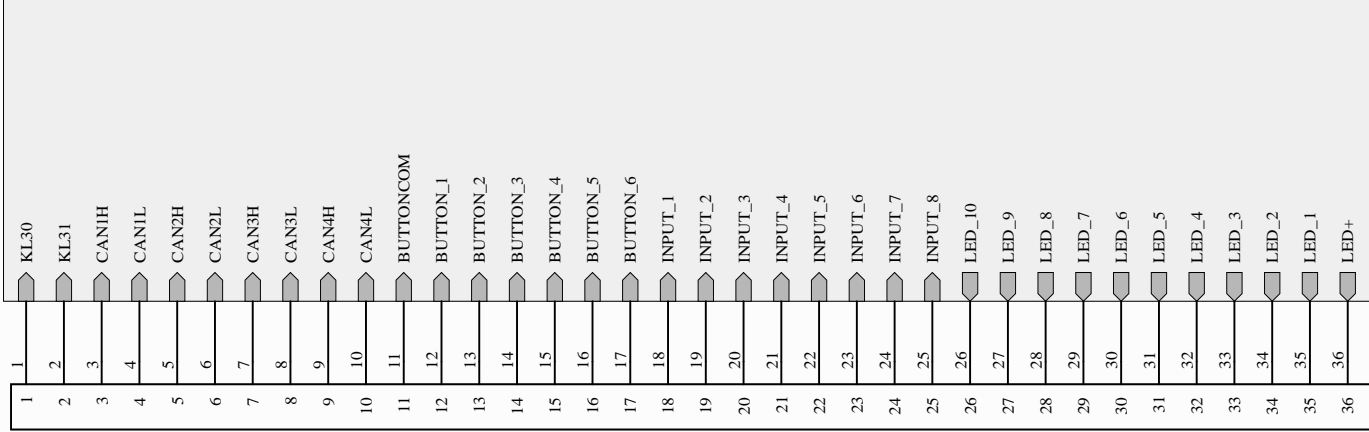
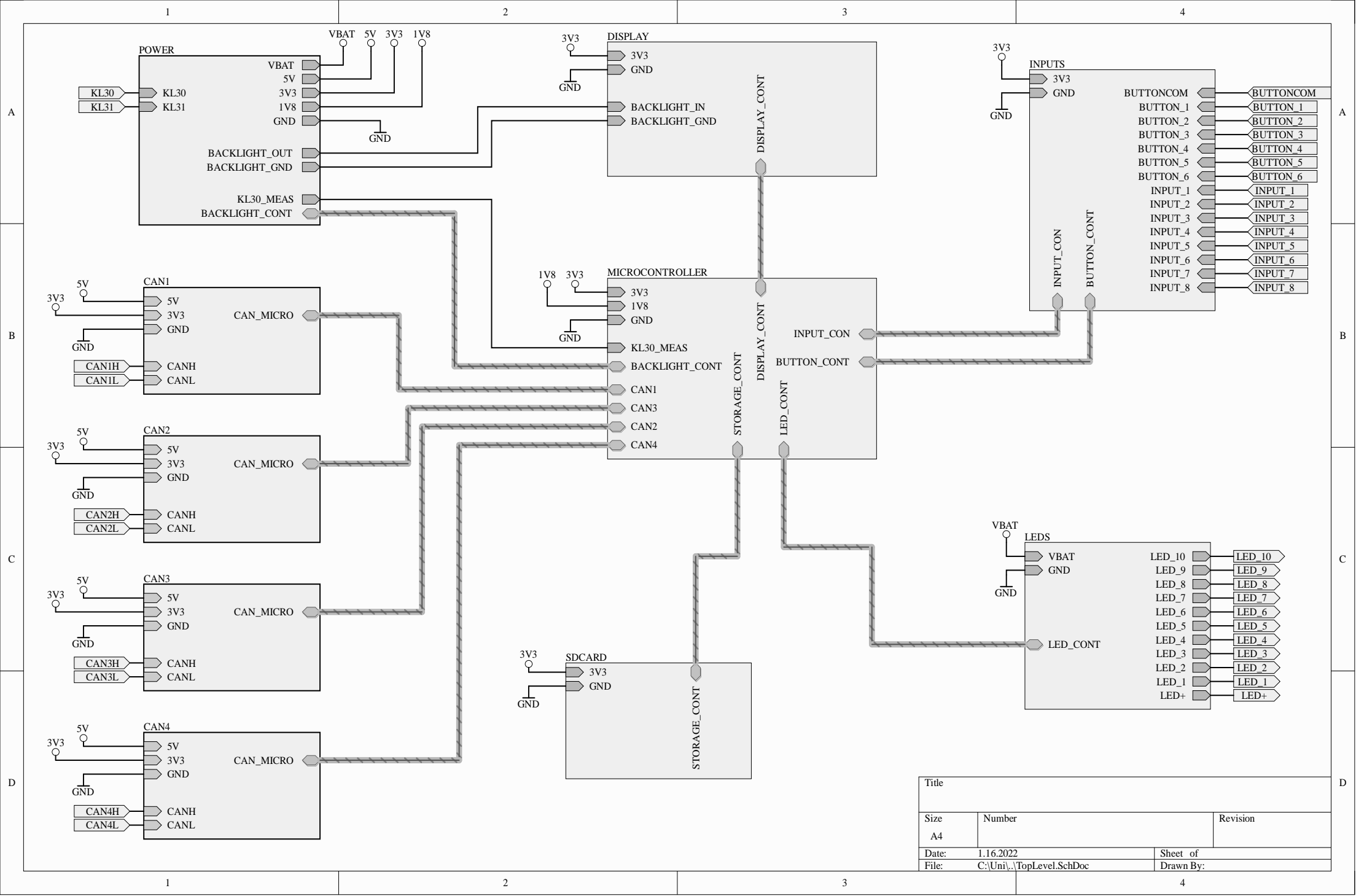


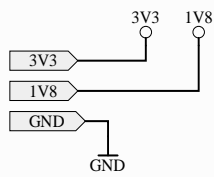
TOPLEVEL



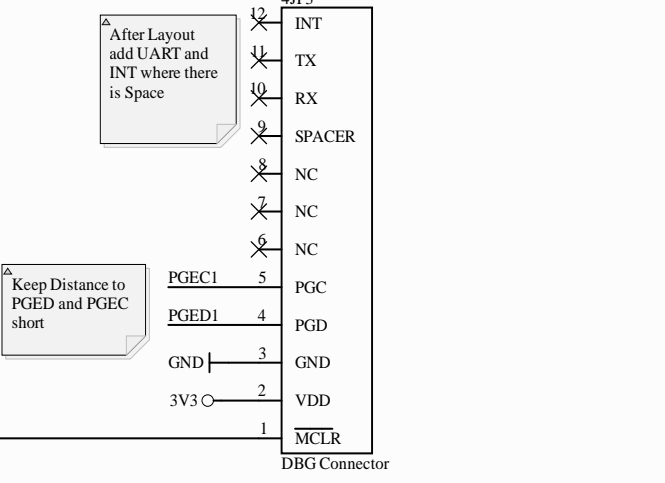
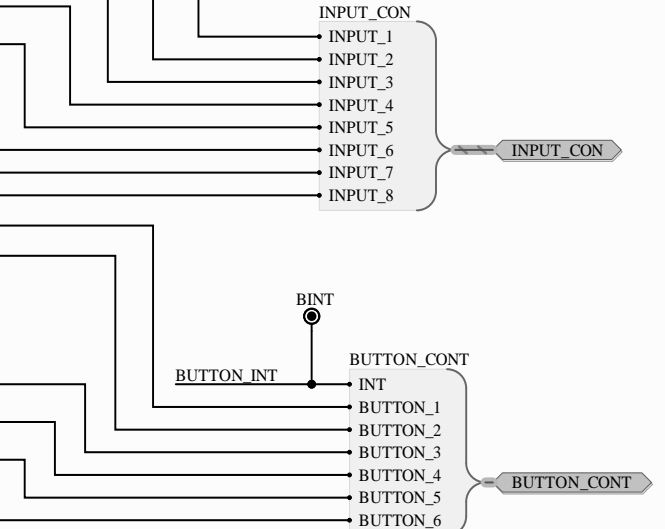
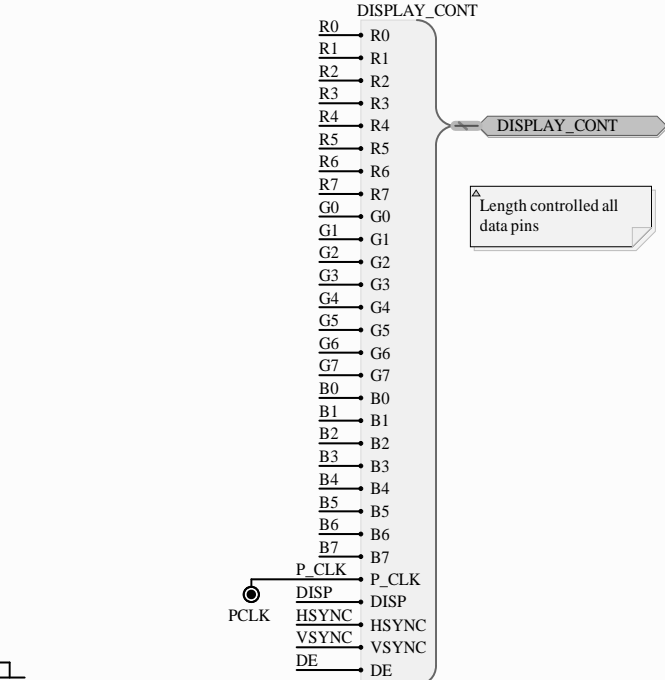
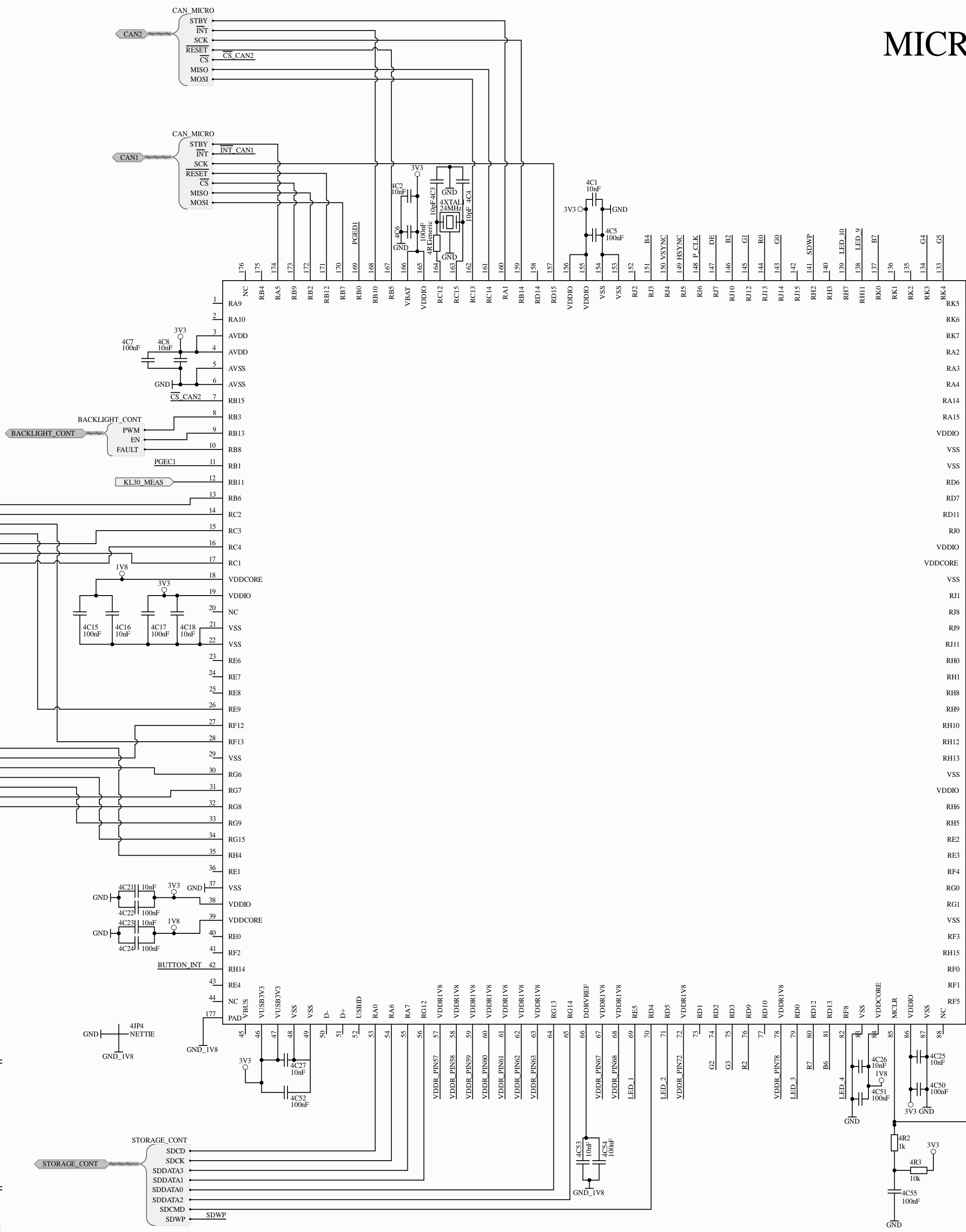
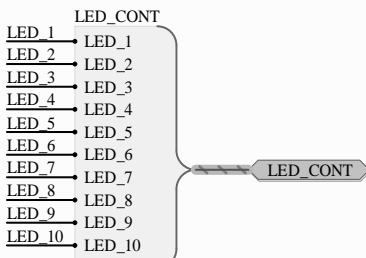
1JP1
40 Pin Connector

Title		
Size	Number	Revision
A4		
Date:	1.16.2022	Sheet of
File:	C:\Uni\...\DashLogger.SchDoc	Drawn By:

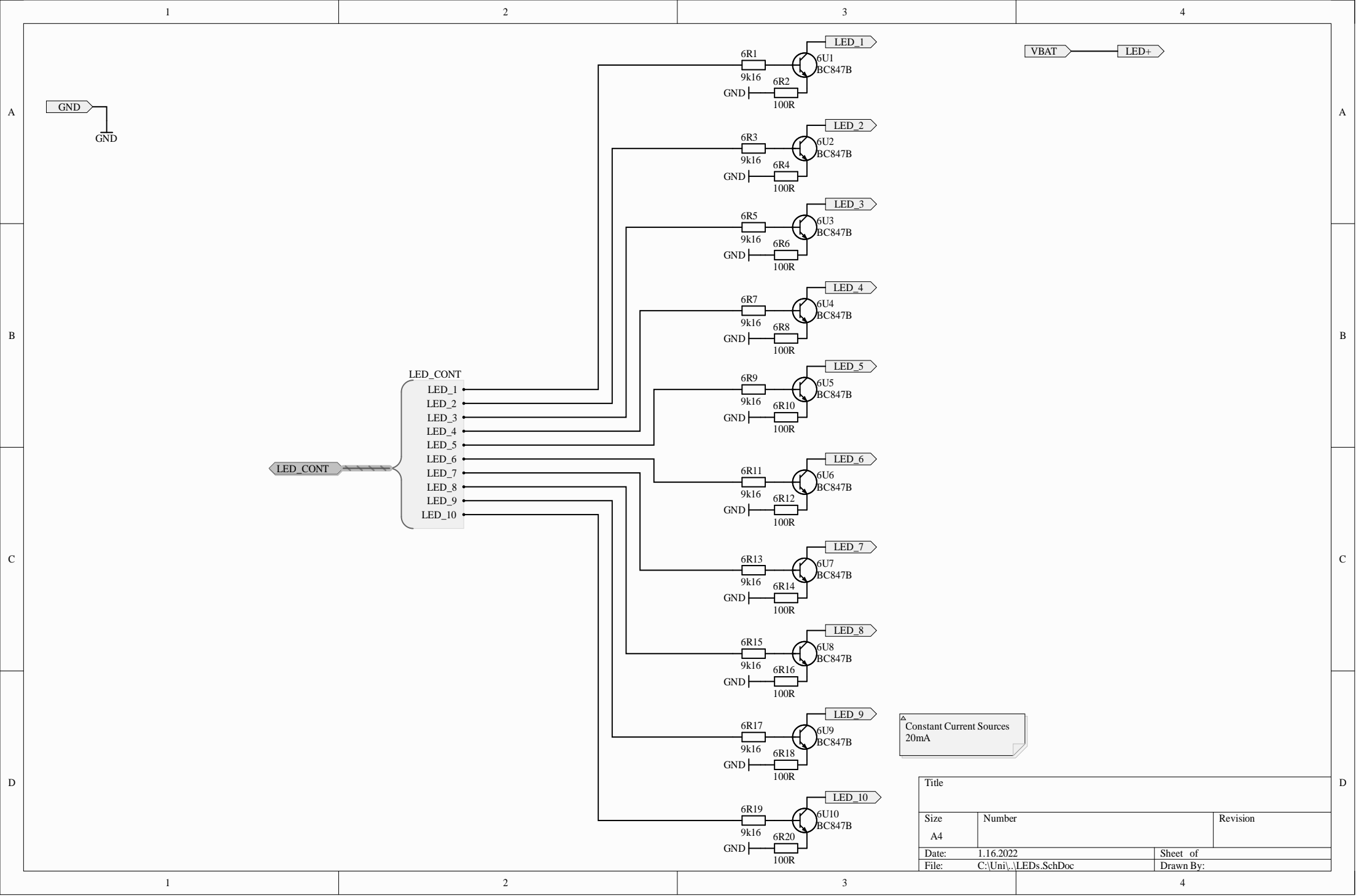


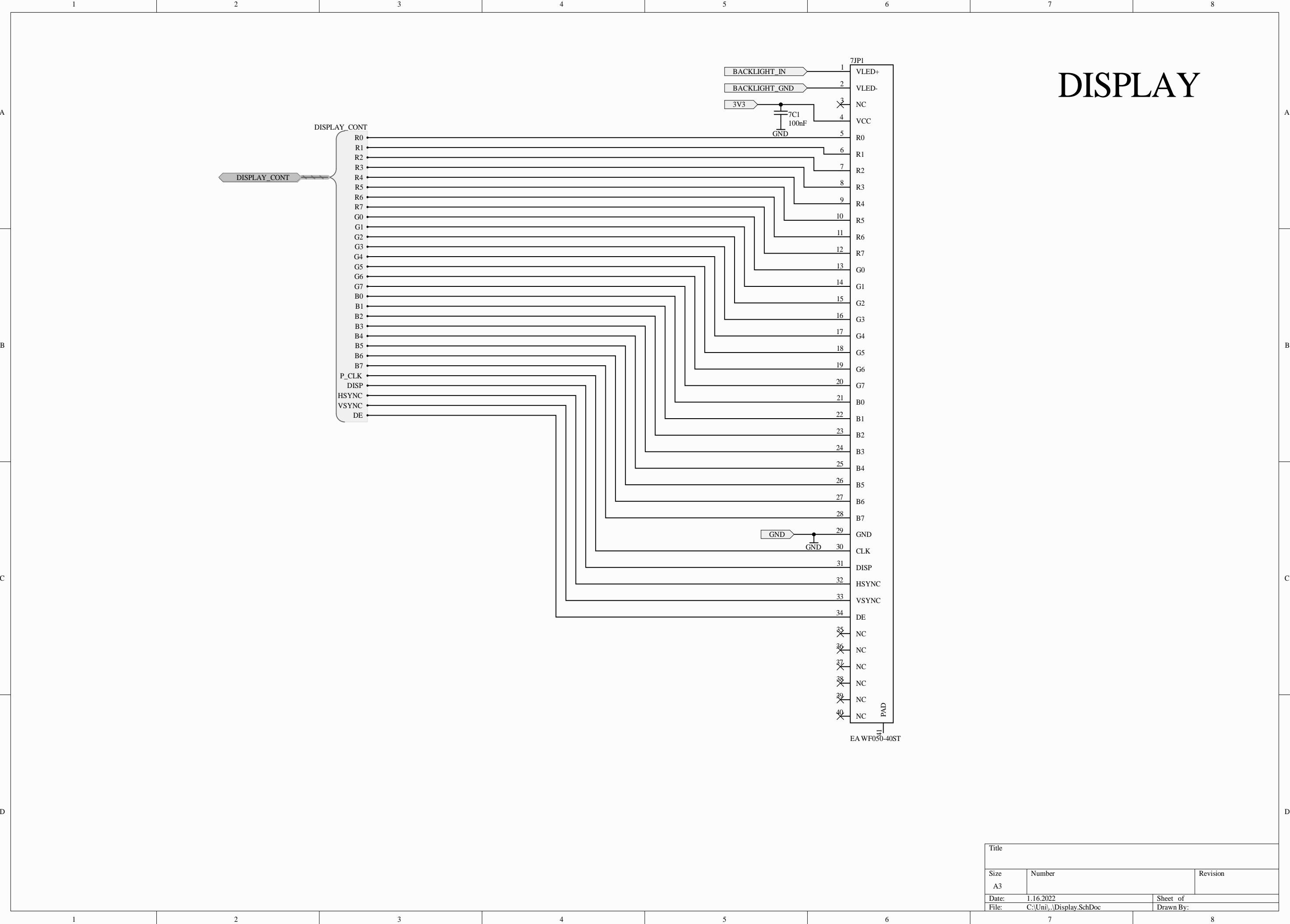


MICROCONTROLLER



Title		
Size	Number	Revision
A2	1.16.2022	Sheet of
Date:	C:\Uni\...\Microcontroller.SchDoc	Drawn By:





Title		
Size A3	Number	Revision
Date: 1.16.2022	Sheet of	
File: C:\Uni\...\Display.SchDoc	Drawn By:	

A

B

C

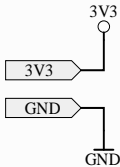
D

A

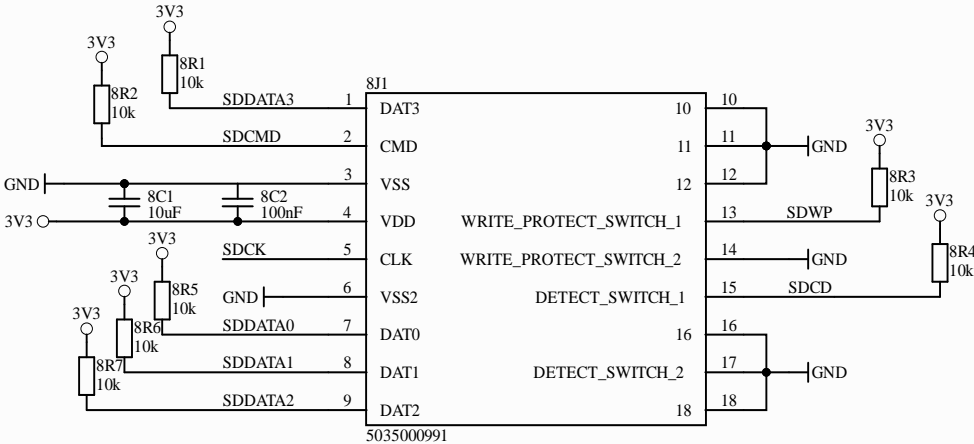
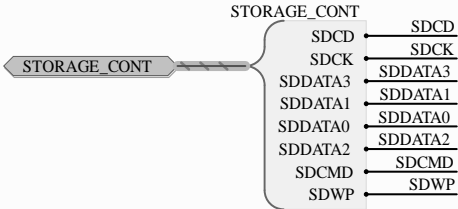
B

C

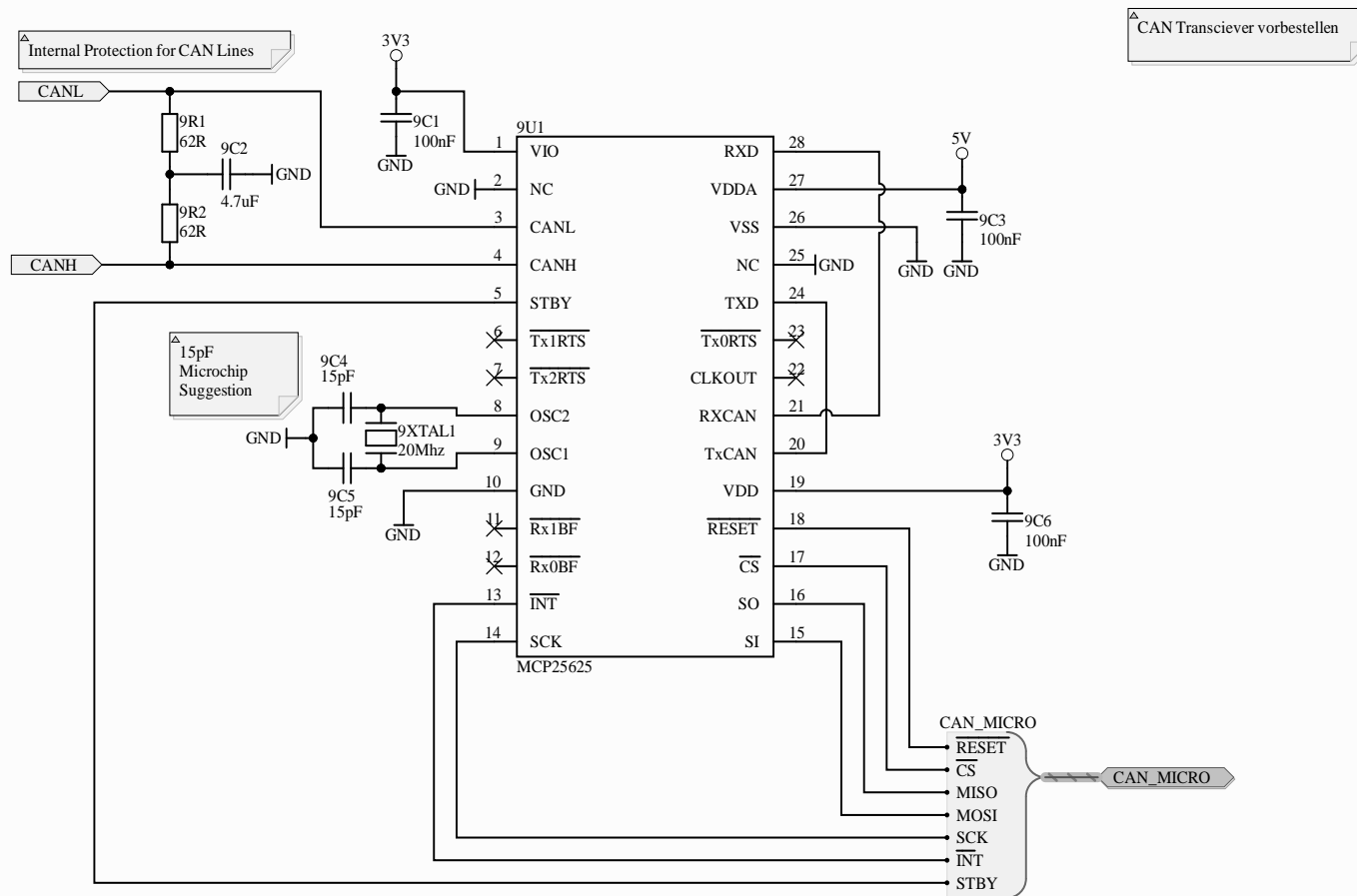
D



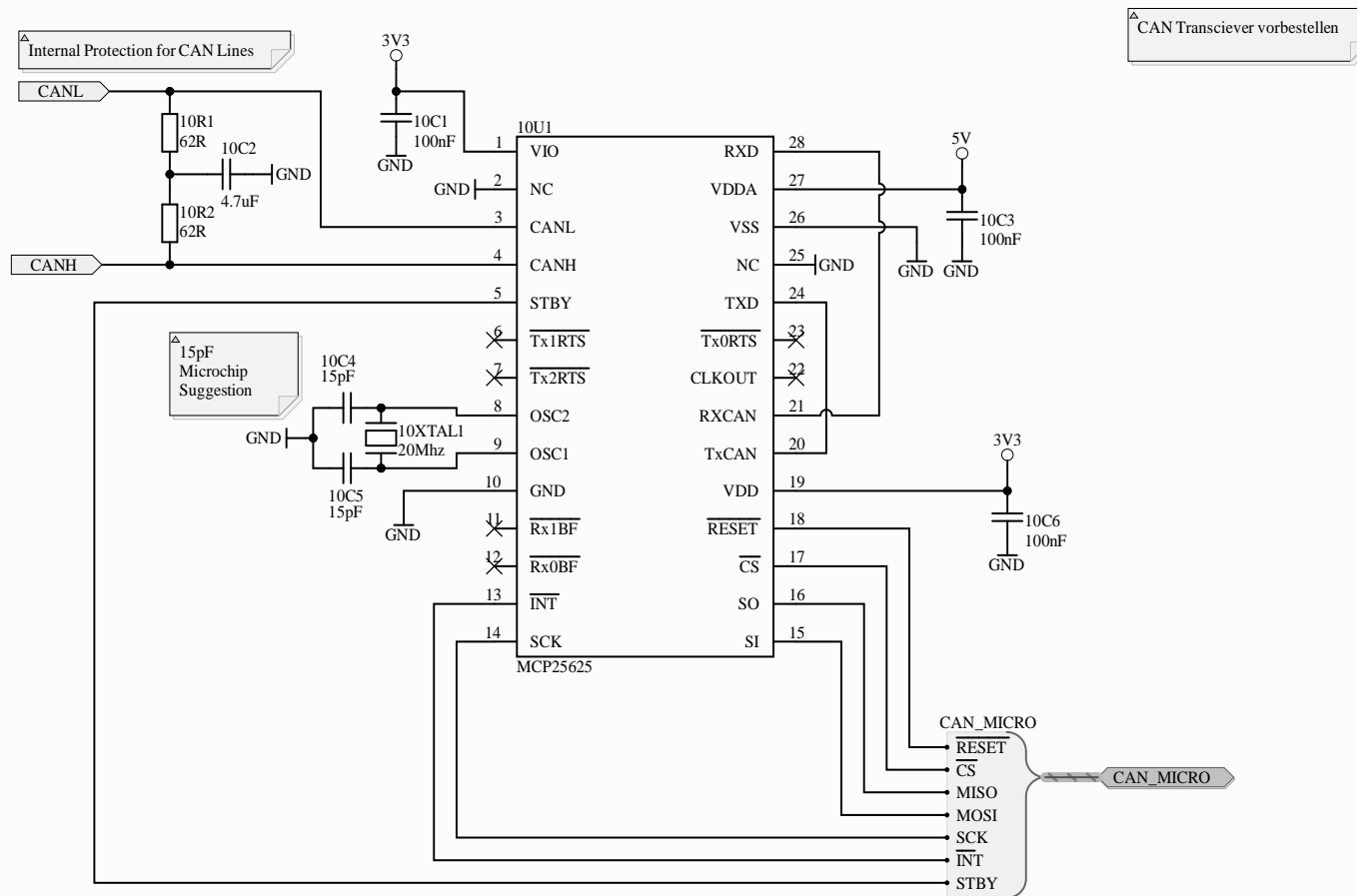
SDCARD



Title		
Size	Number	Revision
A4		
Date:	1.16.2022	Sheet of
File:	C:\Uni\...\SDCard.SchDoc	Drawn By:

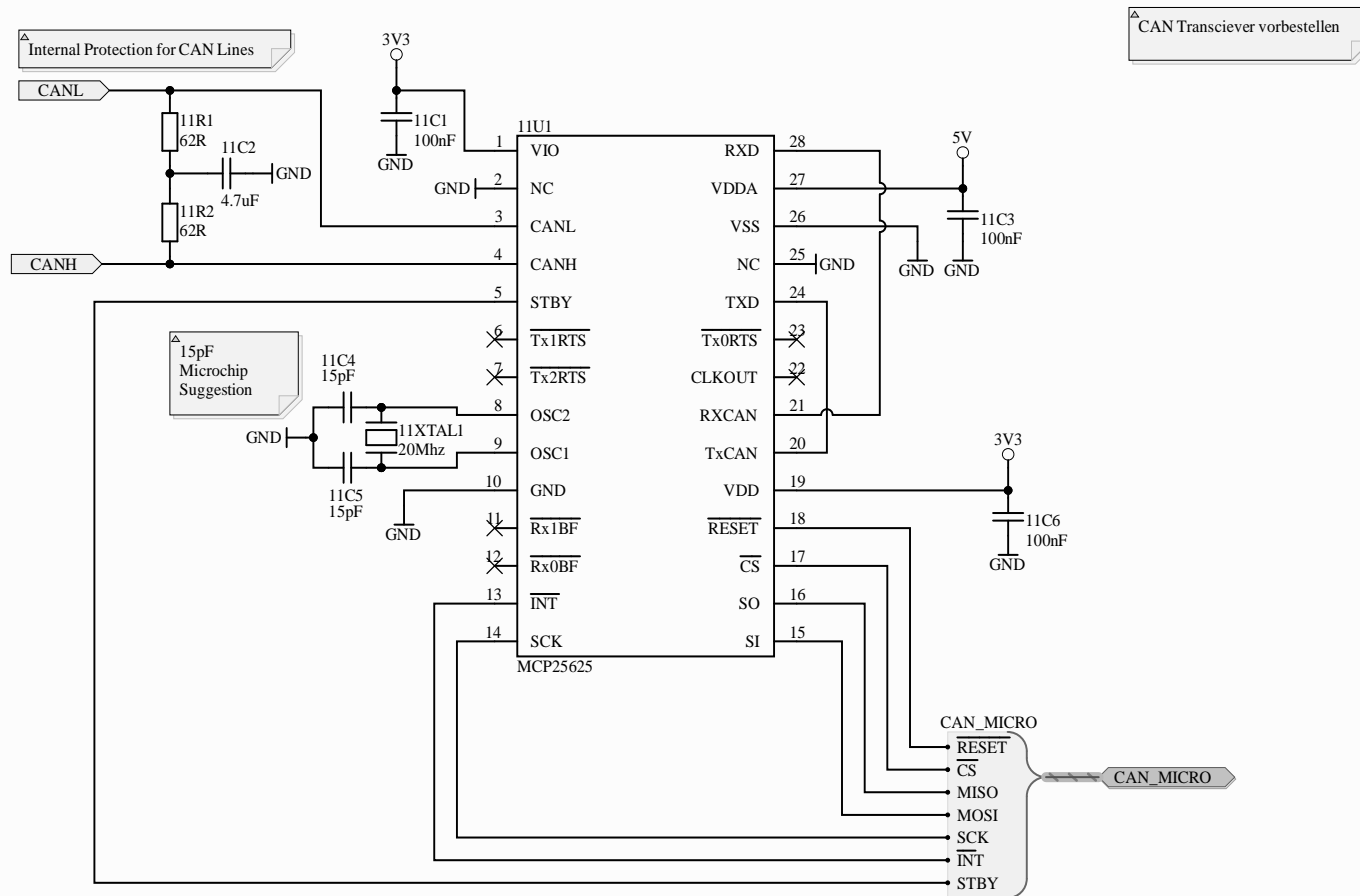
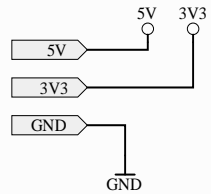


Title		
Size A4	Number	Revision
Date: File:	1.16.2022 C:\Unit1\CANInterface.SchDoc	Sheet of Drawn By:



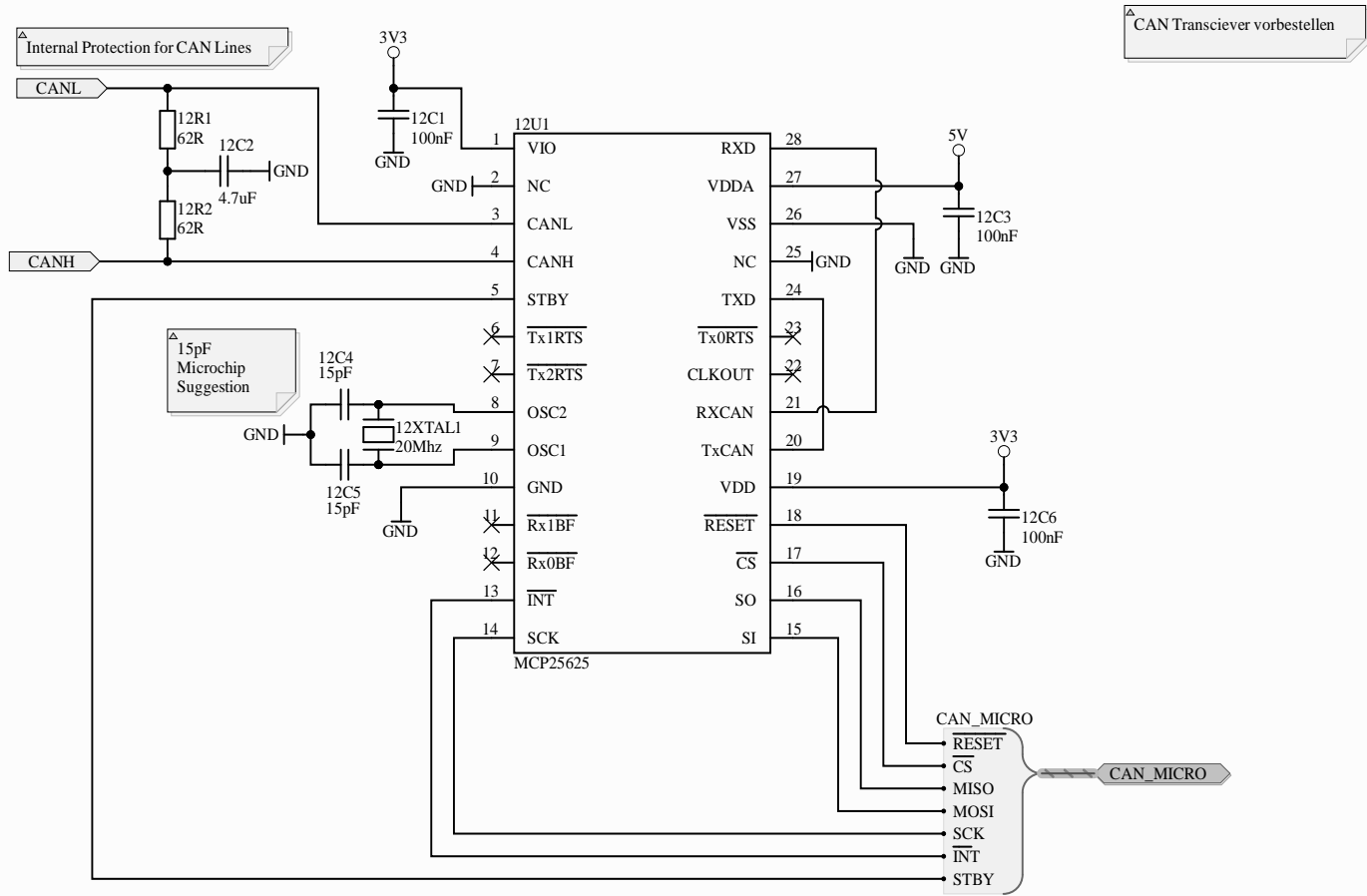
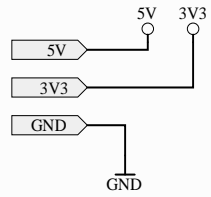
Title		
Size A4	Number	Revision
Date: File:	1.16.2022 C:\Unit1\CANInterface.SchDoc	Sheet of Drawn By:

CAN3



Title		
Size	Number	Revision
A4		
Date:	1.16.2022	Sheet of
File:	C:\Uni\...CANInterface.SchDoc	Drawn By:

CAN4



Title		
Size	Number	Revision
A4		
Date:	1.16.2022	Sheet of
File:	C:\Uni\...CANInterface.SchDoc	Drawn By:

Designator	Comment	LibRef	Description	Footprint	Quantity
1JP1	40 Pin Connector	MainConnector			1
3C1, 3C10, 9C2, 10C2, 11C2, 12C2	4.7uF	GCJ32ER71H475KA12L	4.7uF 50V X7R	C_1210	4
3C2, 3C11, 3C13, 4C3, 4C4, 4C7, 4C9, 4C11, 4C14, 4C15, 4C17, 4C20, 4C22, 4C24, 4C29, 4C31, 4C33, 4C35, 4C37, 4C39, 4C41, 4C43, 4C45, 4C47, 4C49, 4C50, 4C51, 4C52, 4C54, 4C55, 4C57, 4C59, 4C61, 4C63, 4C65, 4C67, 4C69, 4C71, 4C73, 4C75, 4C77, 5C1, 5C2, 5C3, 5C4, 5C5, 5C6, 7C1, 8C2, 9C3, 9C6, 10C1, 10C3, 10C6, 11C1, 11C3, 11C6, 12C1, 12C3, 12C6	100nF	C0402C104JB8CAUT O, CGA2B3X7R1H104K05 08E	100nF 10V 0402 X7R, 100nF 50V X7R	C_0402	61
3C3, 3C16	2.2uF	GCJ320R72A225KA01 L	2.2uF 100V X7R	C_1210	2
9C4	1uF	GCJ188R71E105KA01 D	1uF 25V X7R	C_0603	1
3C5, 3C6	Generic	C_0603		C_0603	2
3C7	22nF	GCM155R71H223KA5 5D	22nF 50V X7R	C_0402	1
3C8, 3C12, 3C14, 3C15	22uF	GCM32ER71A226KE12 L	22uF 10V X7R	C_1210	4
9C9	220uF	MAL22509909E3	220uF 100V	MAL22509909E3	1
3D1	S215FA	S215FA	2A 150V 950mV	S215FA	1
3D2	SSA24	SSA24	40V 2A 500mV	SSA24	1
3D3	16V	SM30T19CAY	16V 31.5V	SM30T19CAY	1
3P1, 3P2, 3P3, 3P4, 4P1, 4P2	Testpoint	Manual Testpoint		Manual Testpoint	6
3L1	98.5uH	DRA74-101-R	98.5uH 822mA 929mA 503mOhm	DRA74-101-R	1
3L2	3.3uH	CLF6045NIT-3K3N-D	3.3uH 19mohms 3.5A	CLF6045NIT-3K3N-D	1
3R1, 3R14, 3R18, 3R19, 3R20	0R	9K73Z2ETT.D	0R 10A	R_1210	5
3R2	226k	ERJ-U02F2263X	226k 1% 100mW	R_0402	1
3R3, 4R3, 8R1, 8R2, 8R3, 8R4, 8R5, 8R6, 8R7	10k	SFR01M2PF1002	10k 1% 62.5mW	R_0402	9
3R4, 3R5, 3R6	196k	ERJ2RKF1962X	196k 1% 100mW	R_0402	3
3R7	Generic	R_0603		R_0603	1
3R8, 5R1, 5R4, 5R7, 5R9, 5R12, 5R15, 5R18, 5R20	20k5	ERJ2RKF2052X	20k5 1% 100mW	R_0402	9
3R9	39k2	ERJ2RKF3922X	39k2 1% 100mW	R_0402	1
3R10, 6R1, 6R3, 6R5, 6R7, 6R9, 6R11, 6R13, 6R15, 6R17, 6R19	9k16	MCM804X6191FTL	9k16 1% 62.5mW	R_0402	11
3R11	9k76	ERJ2RKF9761X		R_0402	1
3R12	13k	CRCW040213K0FKED	13k 1% 62.5mW	R_0402	1
3R13, 3R15, 3R22, 5R6, 5R10, 5R13, 5R17, 5R21, 5R23	100k	CRCW0402100KUNED	100k 5% 62.5mW	R_0402	9
3R16, 3R23, 5R3, 5R5, 5R8, 5R11, 5R14, 5R16, 5R19, 5R22	5k1	MP000528	5k1 1% 100mW	R_0402	10
3R17, 4R2	1k	ESR01M2P1102	1k 5% 200mW	R_0402	2
3R21	33k	CRCW040233K0FKED HP	33k 1% 200mW	R_0402	1
3U1	AL18060KESJ58	AL18060KESJ58	LED Driver Boost	AL18060KESJ58	1
3U2	NCV5661MN18T2G	NCV5661MN18T2G	3U3.LDO	NCV5661MN18T2G	1
3U3	BDP250MUF-CE2	BDP250MUF-CE2	Buck Regulator	BDP250MUF-CE2	1
3U4	NCV5661MN18T2G	NCV5661MN18T2G	1V8.LDO	NCV5661MN18T2G	1
4C1, 4C2, 4C8, 4C10, 4C12, 4C13, 4C16, 4C18, 4C19, 4C21, 4C23, 4C25, 4C26, 4C27, 4C28, 4C30, 4C32, 4C34, 4C36, 4C38, 4C40, 4C42, 4C44, 4C46, 4C48, 4C53, 4C56, 4C58, 4C60, 4C62, 4C64, 4C66, 4C68, 4C70, 4C72, 4C74, 4C76	10nF	GCM155R71H103KA5 5D	10nF 50V 0402 X7R	C_0402	37
4C3, 4C4	10pF	C0603C100J5GCAUT O	10pF 50V COG/NP0	C_0603	2
4P3	DBG Connector	PICKIOConnector	2.54mm Header for Pxx4 4	HDRV12W63PQC54, 1112, 3048X254XV58P	1
4P4	NETTIE	NETTIE	4-Way Net Tie	NETTIE	1
4R1	Generic	R_0402		R_0402	1
4U1	PIC32MZ064DAH176	PIC32MZ064DAH176	Has 5V Tolerant Pins	PIC32MZ064DAH176 T-3/21	1
4XTAL1	24MHz	ECS-240-10-360-ES-TR	24MHz 10pF 30ppm	ECS2401036QESTR	1
5D1, 5D2, 5D3, 5D4, 5D5, 5D6, 5D7, 5D8, 5D9, 5D10, 5D11, 5D12, 5D13, 5D14, 5D15	BAT 54-04 E6327	BAT 54-04 E6327	Clamping Diode	SOT95P240X110-3N	15
5R2	2k	AC0402FR-072KL	2k 1% 62.5mW	R_0402	1
6R2, 6R4, 6R6, 6R8, 6R10, 6R12, 6R14, 6R16, 6R18, 6R20	100R	ERJ1P4F1000U	100R 1% 500mW	R_1210	10
6U1, 6U2, 6U3, 6U4, 6U5, 6U6, 6U7, 6U8, 6U9, 6U10	8C847B	8C847B.235	NPN Transistor 50V 100mA 100MHz	SOT95P230X110-3N	10
7JP1	EA WF050-40ST	EA WF050-40ST	Display Connector for EA W800X-50AILW	EA WF050-40ST	1
8C1	10uF	GCJ21BR71A106KE01L	10uF 10V X7R	C_0805	1
8U1	S03S000991	S03S000991	SD Card Connector	S03S000991	1
9C4, 9C5, 10C4, 10C5, 11C4, 11C5, 12C4, 12C5	15pF	GRT1555C1H150A02 D	15pF 50V COG/NP0	C_0402	8
9R1, 9R2, 10R1, 10R2, 11R1, 11R2, 12R1, 12R2	62R	ERJ14F62R0U	62R 1% 500mW	R_1210	8
9U1, 10U1, 11U1, 12U1	MCP2562S	MCP2562S	CAN Transceiver and Controller SPI	MCP2562S-E/S5	4
9XTAL1, 10XTAL1, 11XTAL1, 12XTAL1	20Mhz	ABM3A1C-20.000MHZ-8-K1Z-T	20Mhz	ABM3A1C-20.000MHZ-8-K1Z-T	4