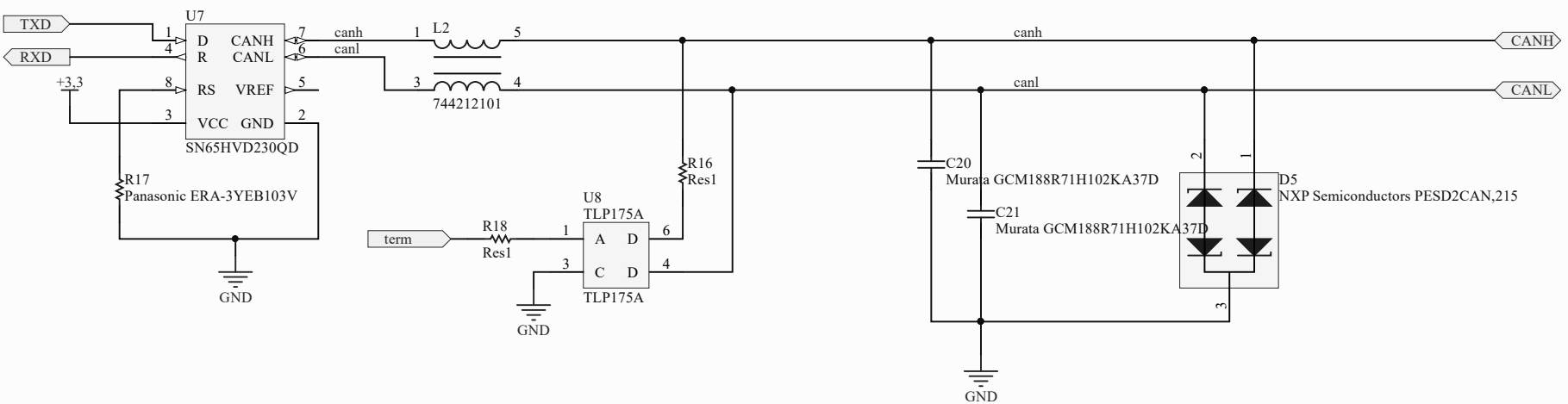
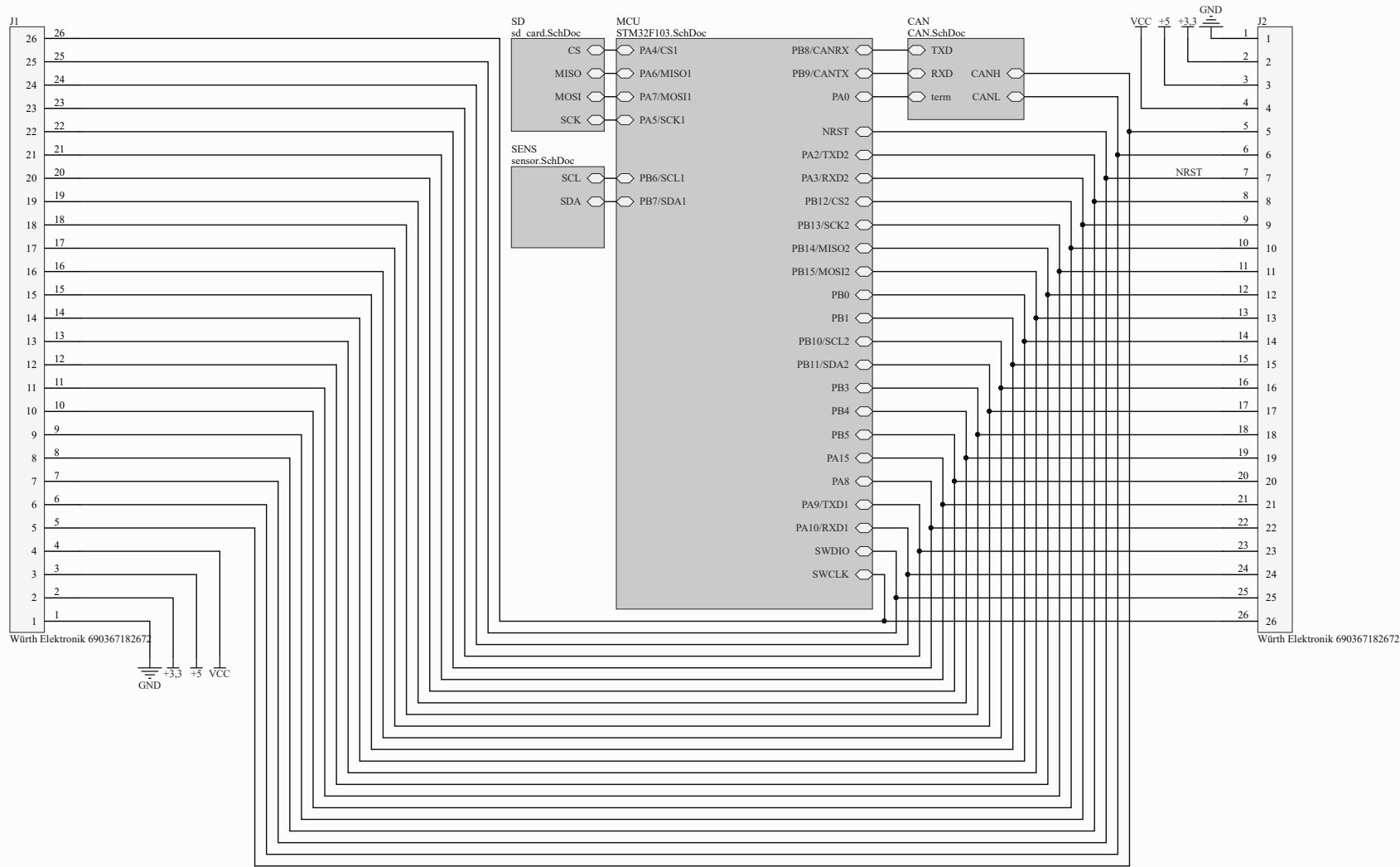


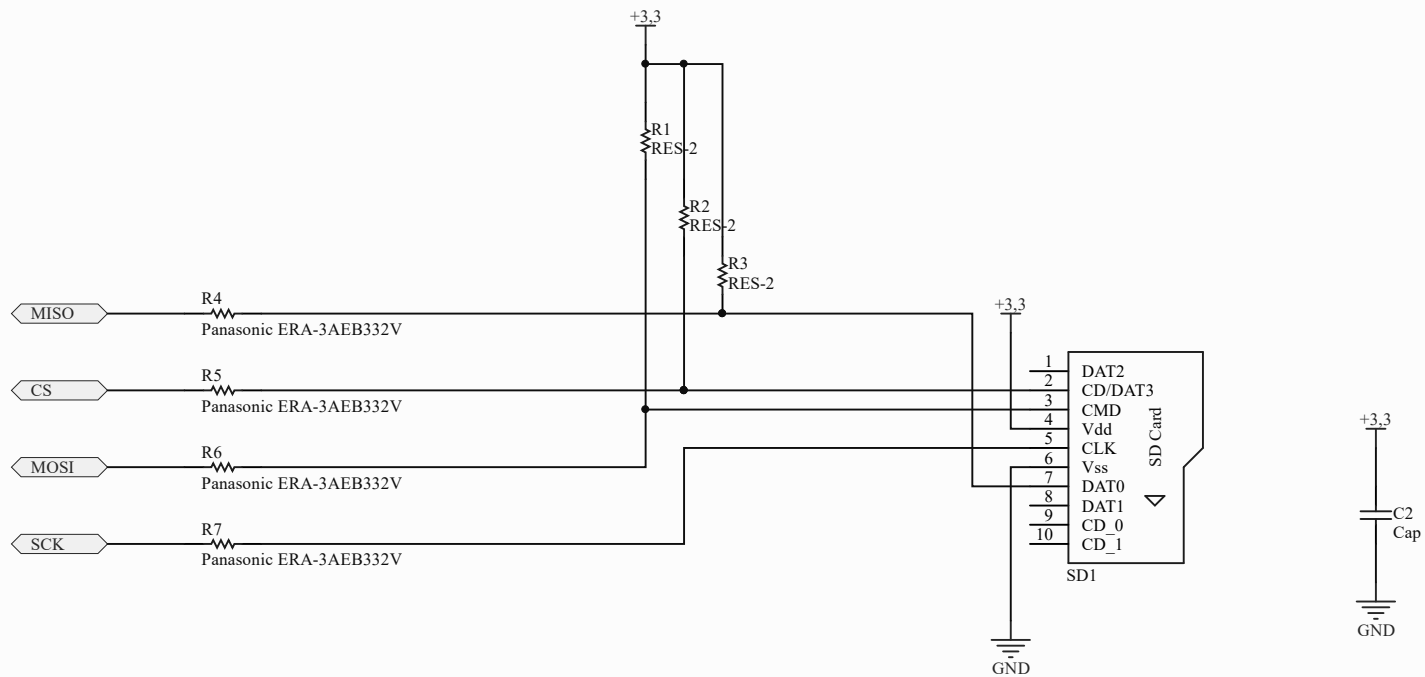
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Variant:				None	
Report Date:				29.10.2020	09:53:32
Description	Manufacturer Part Number	Designator	Quantity	Description	Comment
Soft Orange 0603 160° 15 mA 1.8 V 7.5 mcd Surface Mount LED	TLMO1000-GS08	3V3, 5V	2	Soft Orange 0603 160° 15 mA 1.8 V 7.5 mcd Surface Mount LED	Vishay TLMO1000-GS08
0603 10 nF 50 V ±10 % Tolerance X7R SMT Multilayer Ceramic Capacitor	CC0603KRX7R9BB103	C1	1	0603 10 nF 50 V ±10 % Tolerance X7R SMT Multilayer Ceramic Capacitor	10nF
CL10 Series 0.1 uF 16 V ±10% Tolerance X7R SMT Multilayer Ceramic Capacitor		C2, C3, C5, C11, C12, C13, C17	7	CL10 Series 0.1 uF 16 V ±10% Tolerance X7R SMT Multilayer Ceramic Capacitor	Cap
0603 X5R ceramic capacitor, 10V 1uF	C0603C105K8PACTU	C4, C14, C15	3	0603 X5R ceramic capacitor, 10V 1uF	Kemet C0603C105K8PAC7867
Multilayer Ceramic Capacitor, GRM Series, 20 pF, 5%, C0G / NP0, 50 V, 0603 [1608 Metric]	GRM1885C1H200JA01D	C6, C7, C8, C9	4	Multilayer Ceramic Capacitor, GRM Series, 20 pF, 5%, C0G / NP0, 50 V, 0603 [1608 Metric]	Murata GRM1885C1H200JA01D
CAP CER 10UF 25V 20% X5R 0603		C10	1	CAP CER 10UF 25V 20% X5R 0603	10uF
0603 22 uF 4 V ±20 % Tolerance X5R SMT Multilayer Ceramic Capacitor	06034D226MAT2A	C16	1	0603 22 uF 4 V ±20 % Tolerance X5R SMT Multilayer Ceramic Capacitor	AVX 06034D226MAT2A
CAP CER 1000PF 50V 10% X7R 0603	GCM188R71H102KA37D	C20, C21	2	CAP CER 1000PF 50V 10% X7R 0603	Murata GCM188R71H102KA37D
Schottky Barrier Diode, 2-Pin SOD-123, Pb-Free, Tape and Reel	BAT54T1G	D1, D2, D3, D4	4	Schottky Barrier Diode, 2-Pin SOD-123, Pb-Free, Tape and Reel	BAT54T1G
PESD2CAN Series 2 Channel Bi-Directional CAN Bus ESD Protection Diode - SOT-23-3	PESD2CAN_215	D5	1	PESD2CAN Series 2 Channel Bi-Directional CAN Bus ESD Protection Diode - SOT-23-3	NXP Semiconductors PESD2CAN_215
F0603E Series Fast Acting 32 V 2 A 0603 Surface Mount Thin-Film Fuse		F1	1	F0603E Series Fast Acting 32 V 2 A 0603 Surface Mount Thin-Film Fuse	SYM-149cdd9eaac4cb5b-1
Female THT Straight Connector without Latch and without Polarization WR-MM, 26 pins	690367182672	J1, J2	2	Female THT Straight Connector without Latch and without Polarization WR-MM, 26 pins	Würth Elektronik 690367182672
POWER LINE IND, 4.7uH, 500mA, 20%; Product Range: TDK - GLFR Series; Inductance: 4.7		L1	1	POWER LINE IND, 4.7uH, 500mA, 20%; Product Range: TDK - GLFR Series; Inductance: 4.7	4.7uH
SMD Common Mode Line Filter WE-SL1, L = 100 µH	744212101	L2	1	SMD Common Mode Line Filter WE-SL1, L = 100 µH	744212101
LED WHITE 0603 SMD	VLMW1300-GS08	PC13	1	LED WHITE 0603 SMD	Vishay VLMW1300-GS08
Res Thick Film 0603 47K Ohm 1% 0.1W(1/10W) ±100ppm/C Molded SMD Automotive Paper T/R		R1, R2, R3	3	Res Thick Film 0603 47K Ohm 1% 0.1W(1/10W) ±100ppm/C Molded SMD Automotive Paper T/R	RES-2
PANASONIC ERA3AEB332V RESISTOR, 0603, 3K3, 0.1%, 0.1W	ERA-3AEB332V	R4, R5, R6, R7	4	PANASONIC ERA3AEB332V RESISTOR, 0603, 3K3, 0.1%, 0.1W	Panasonic ERA-3AEB332V
RESISTOR, 681R, 0603, FULL REEL	ERA-3AEB6810V	R8	1	RESISTOR, 681R, 0603, FULL REEL	Panasonic ERA3AEB6810V
Res Thick Film 0603 1M Ohm 5% 1/5W ±100ppm/C Molded SMD SMD T/R	CRGH0603J1M0	R9	1	Res Thick Film 0603 1M Ohm 5% 1/5W ±100ppm/C Molded SMD SMD T/R	Res1
Thick Film Resistors - SMD 1/10w att 1.5Kohms 1%	RK73H1JTTD1501F	R10	1	Thick Film Resistors - SMD 1/10watt 1.5Kohms 1%	KOA Speer RK73H1JTTD1501F
RES SMD 20 OHM 1% 1/4W 0603	CRCW060320R0FKEAHP	R11, R12	2	RES SMD 20 OHM 1% 1/4W 0603	Vishay Dale CRCW060320R0FKEAHP
Res General Purpose Thick Film 0603 100k Ohm 1% 1/10W ±100ppm/C Molded Paper T/R	RC0603FR-07100RL	R13	1	Res General Purpose Thick Film 0603 100k Ohm 1% 1/10W ±100ppm/C Molded Paper T/R	100k
YAGEO RC0603JR-13100RL THICK FILM RESISTOR, 100 OHM, 100mW, 5%	RC0603JR-13100RL	R14	1	YAGEO RC0603JR-13100RL THICK FILM RESISTOR, 100 OHM, 100mW, 5%	Yageo RC0603JR-13100RL
Thick Film Resistors 0603 200ohms 5% Tol	ERJ-3GEYJ201V	R15	1	Thick Film Resistors 0603 200ohms 5% Tol	Panasonic ERJ-3GEYJ201V
Res Thick Film 0603 100 Ohm 1% 1/10W ±100ppm/C Molded SMD Paper T/R	RC0603FR-07100RL	R16	1	Res Thick Film 0603 100 Ohm 1% 1/10W ±100ppm/C Molded SMD Paper T/R	Res1
Metal Film Resistors 10K OHM .1% 25PPM	ERA-3YEB103V	R17	1	Metal Film Resistors 10K OHM .1% 25PPM	Panasonic ERA-3YEB103V
Surface Mount Thick Film Resistor, Aec-Q200 Erj Series, 1 Kohm, 200 Mw, 1%, 150 V		R18	1	Surface Mount Thick Film Resistor, Aec-Q200 Erj Series, 1 Kohm, 200 Mw, -1%, 150V	Res1
Res Thick Film 1.6 x 0.8 mm 49.9K Ohm 1% 0.1W(1/10W) 100ppm/ C Molded SMD Paper T/R	RC0603FR-0749K9L	R19	1	Res Thick Film 1.6 x 0.8 mm 49.9K Ohm 1% 0.1W(1/10W) 100ppm/ C Molded SMD Paper T/R	RC0603FR-0749K9L
Res Thick Film 0603 9.53K Ohm 1% 0.1W(1/10W) 100ppm/???? Molded SMD Paper T/R	RC0603FR-079K53L	R20	1	Res Thick Film 0603 9.53K Ohm 1% 0.1W(1/10W) 100ppm/???? Molded SMD Paper T/R	9k53
YAGEO (PHYCOMP) RC0603FR-071KL RESISTOR, THICK FILM, 1K, 0.1W, 1%	RC0603FR-071KL	R21, R22, R23	3	YAGEO (PHYCOMP) RC0603FR-071KL RESISTOR, THICK FILM, 1K, 0.1W, 1%	1k
Micro-SD Card Connector Push & Push [Würth Elektronik] 693071010811	693071010811	SD1	1	Micro-SD Card Connector Push & Push [Würth Elektronik] 693071010811	693071010811
Conv DC-DC Single Step Down n 4.5V to 24V 6-Pin SOT-23 T/R		U1	1	Conv DC-DC Single Step Down 4.5V to 24V 6-Pin SOT-23 T/R	Monolithic Power Systems MP2359DT-LF-P
Pressure Sensor 7.25 PSI ~ 15.95 PSI (50 kPa ~ 110 kPa) Absolute 24 b 8-TLGA	MPL3115A2	U2	1	Pressure Sensor 7.25 PSI ~ 15.95 PSI (50 kPa ~ 110 kPa) Absolute 24 b 8-TLGA	Freescale Semiconductor MPL3115A2
Mainstream Performance line, ARM Cortex-M3 MCU with 128 Kbytes Flash, 72 MHz CPU, motor control, USB and CAN	STM32F103CBT6	U3	1	Mainstream Performance line, ARM Cortex-M3 MCU with 128 Kbytes Flash, 72 MHz CPU, motor control, USB and CAN	STMicroelectronics STM32F103CBT6
1A Low-Quiescent-Current Low-Dropout (LDO) Regulator 5-SOT-23 -40 to 125	PTLV75733PDBVR	U5	1	1A Low-Quiescent-Current Low-Dropout (LDO) Regulator 5-SOT-23 -40 to 125	Texas Instruments TLV75733PDBVR
Automotive Catalog 3.3 V CAN Transceiver, 17 mA, -40 to 125 degC, 8-pin SOIC (D), Green (RoHS & no Sb/Br)	SN65HVD230QD	U7	1	Automotive Catalog 3.3 V CAN Transceiver, 17 mA, -40 to 125 degC, 8-pin SOIC (D), Green (RoHS & no Sb/Br)	SN65HVD230QD
Relay SSR 15mA 1.4V DC-IN DC-OUT 4-Pin SO T/R	TLP175A(TPL,E	U8	1	Relay SSR 15mA 1.4V DC-IN DC-OUT 4-Pin SO T/R	TLP175A
USB 3.1 Type C Receptacle WR-COM, Horizontal, SMT / THT	632723100011	USB	1	USB 3.1 Type C Receptacle WR-COM, Horizontal, SMT / THT	Würth Elektronik 632723100011
Crystal 32.7680khz 6pf Smd	MC-306 32.768K-E3:ROHS	X1	1	Crystal 32.7680khz 6pf Smd	Epson MC-306 32.768K-E3:ROHS
Crystal 8MHz 730ppm (Tol) 750ppm (Stability) 20pF FUND 80Ohm 2-Pin HC-49/SDLF SMD T/R		Y1	1	Crystal 8MHz 730ppm (Tol) 750ppm (Stability) 20pF FUND 80ohm 2-Pin HC-49/SDLF SMD T/R	SYM-5ea8948b47c2816f-1



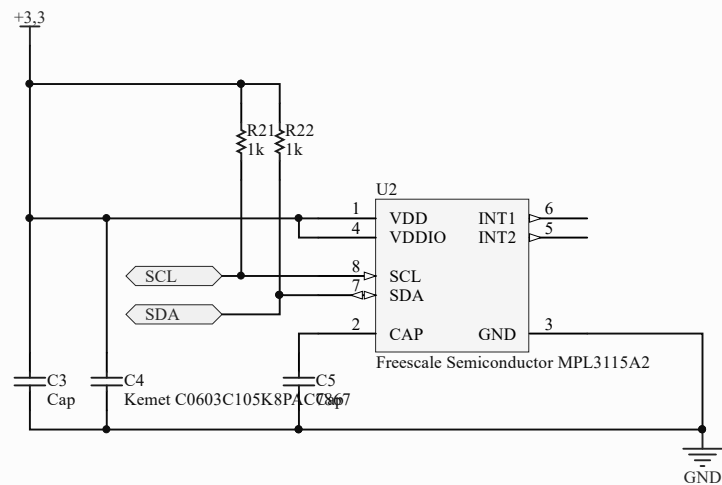
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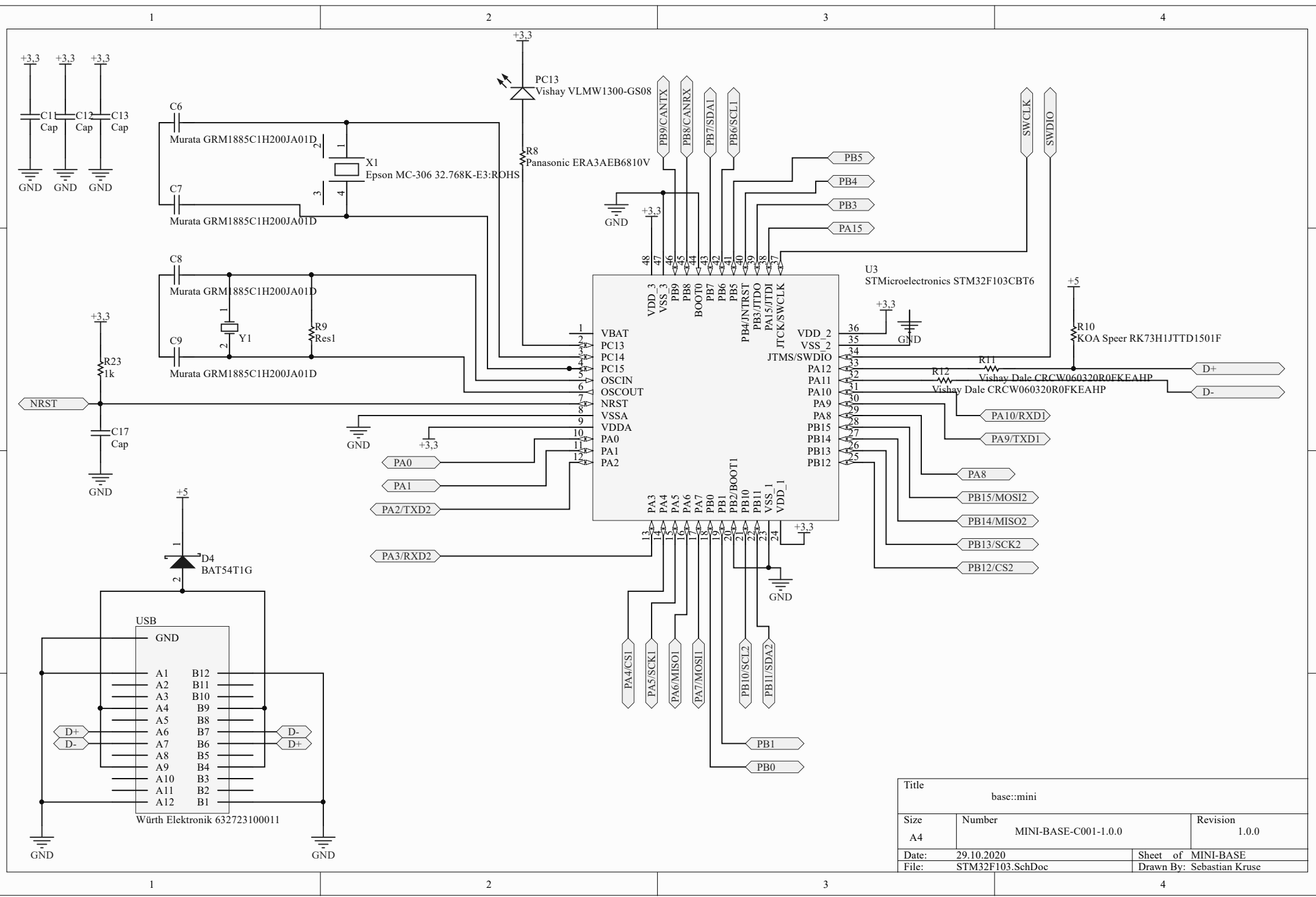
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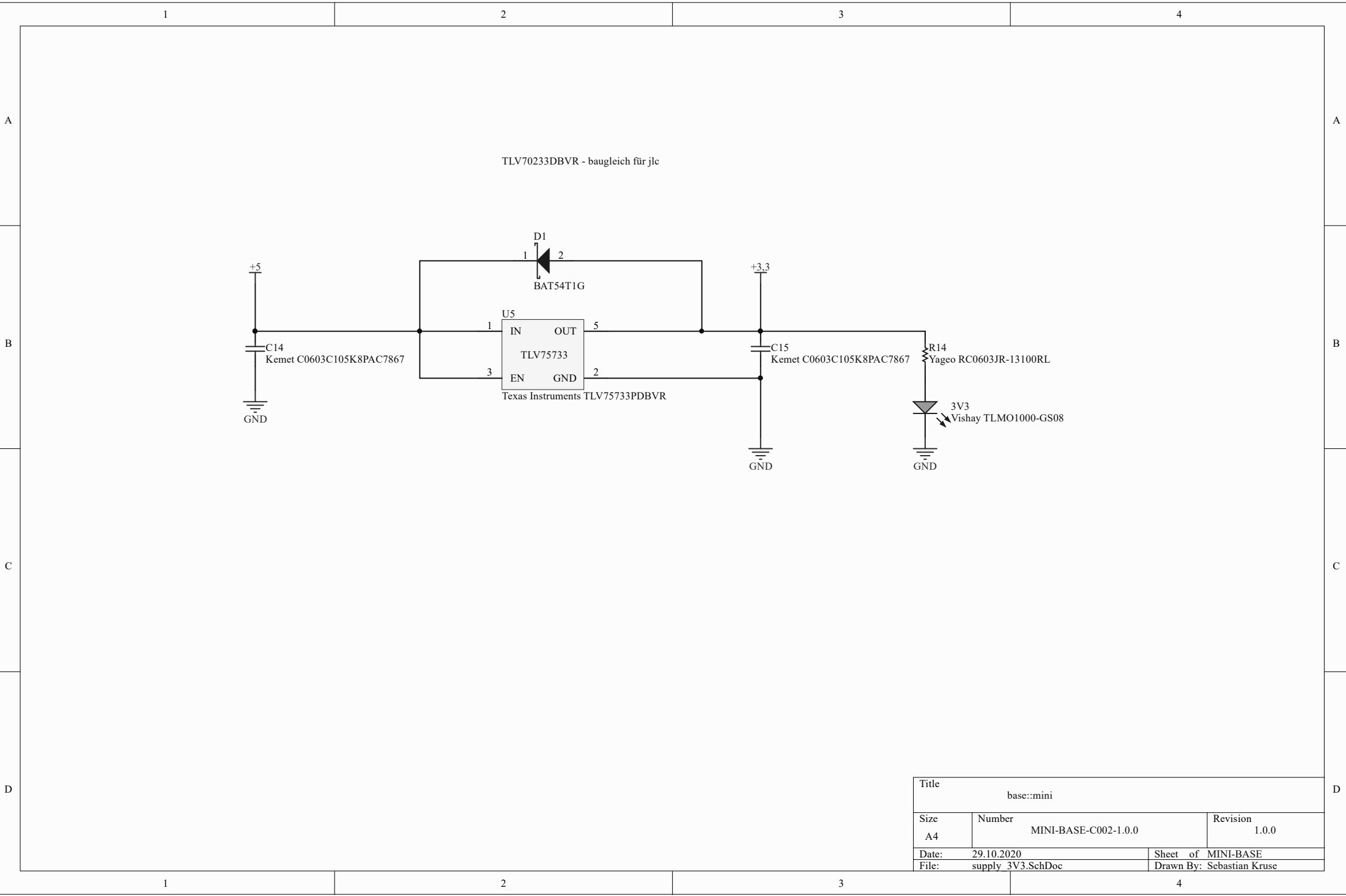
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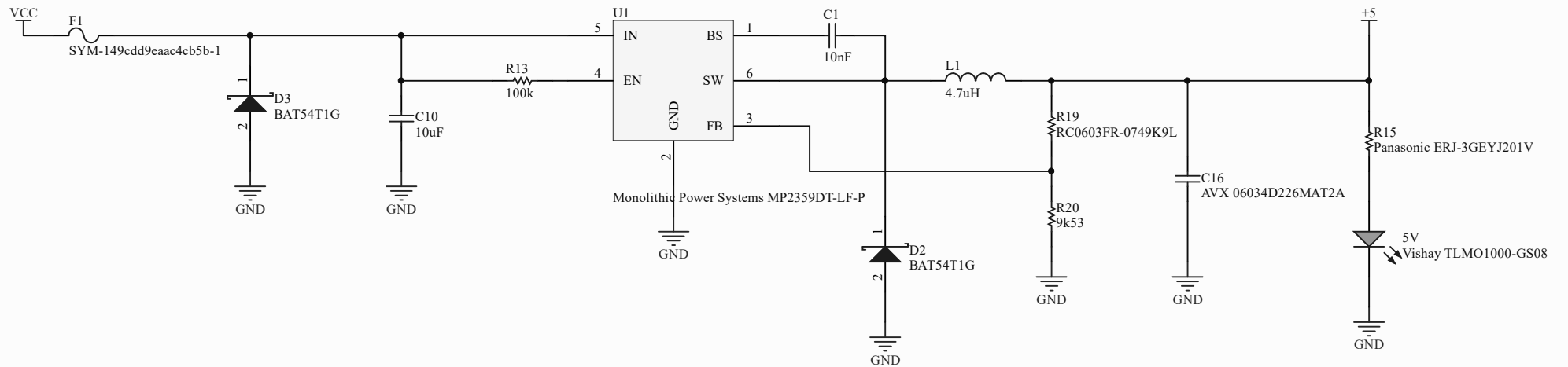


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