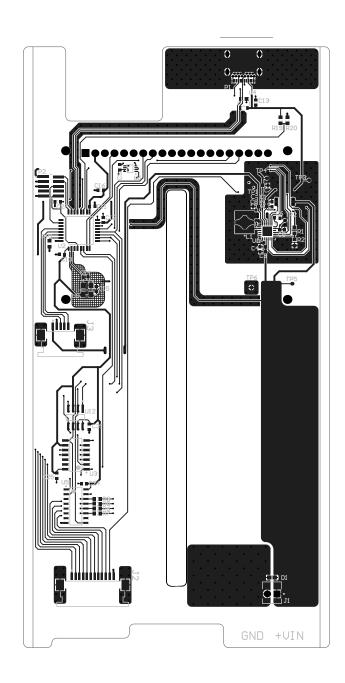
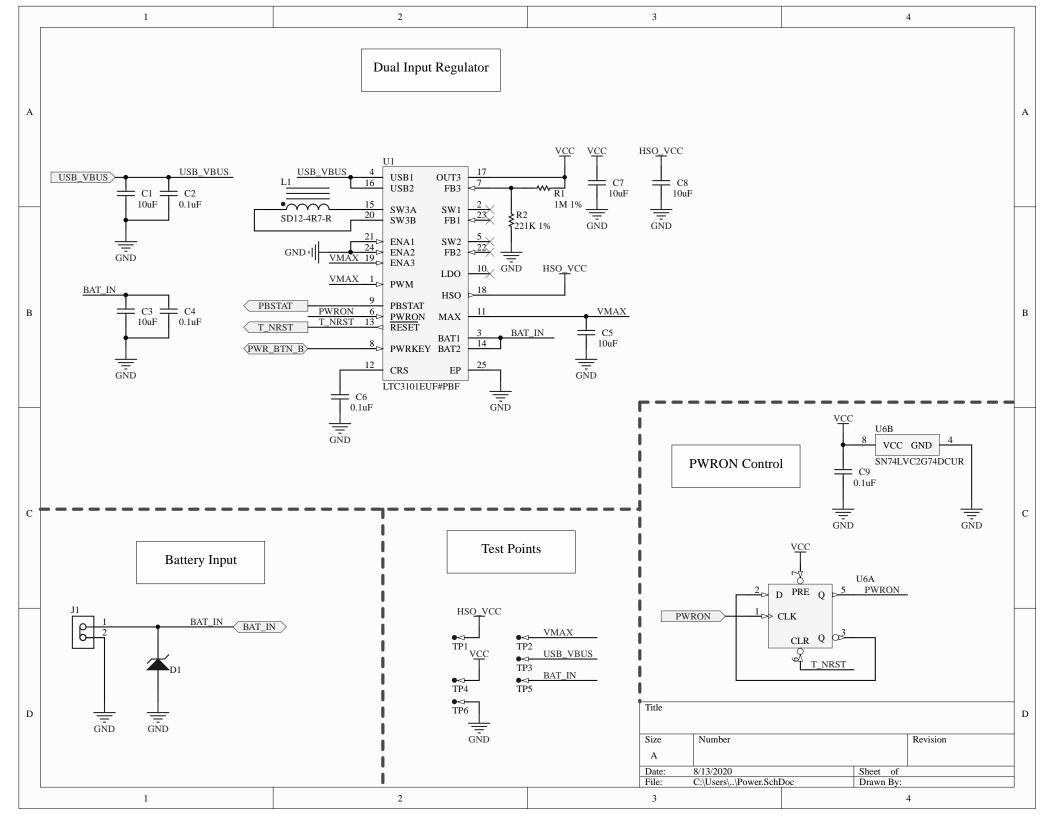
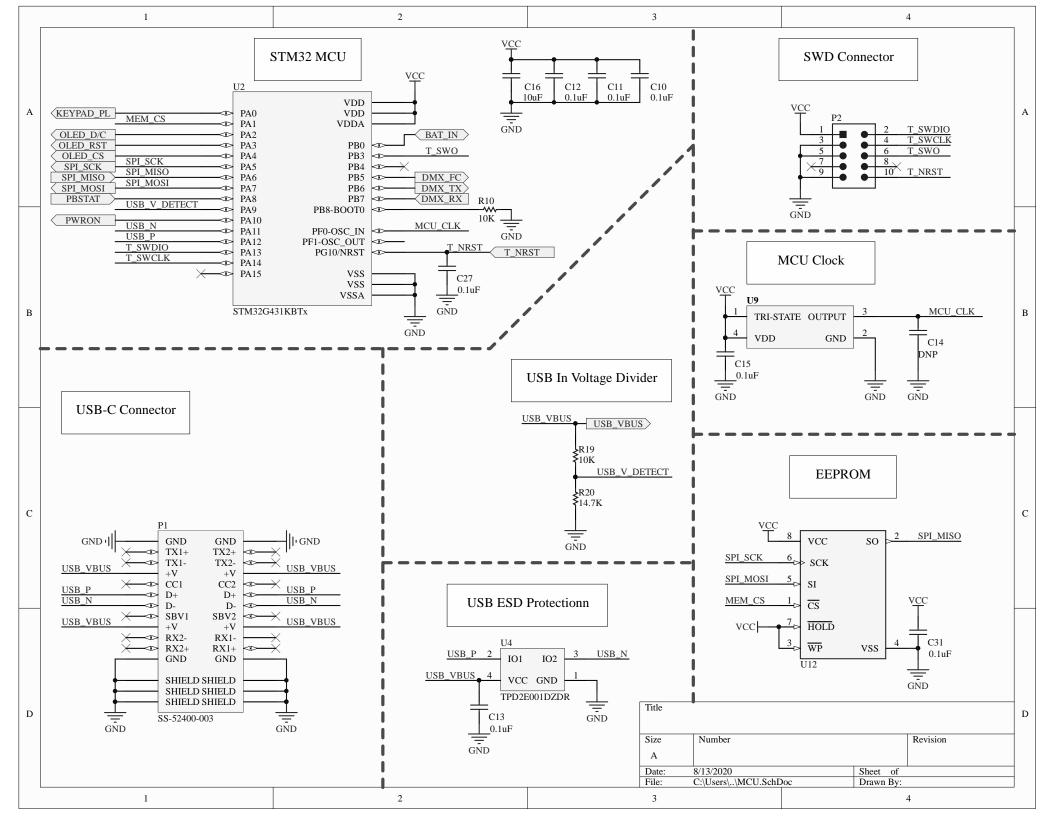
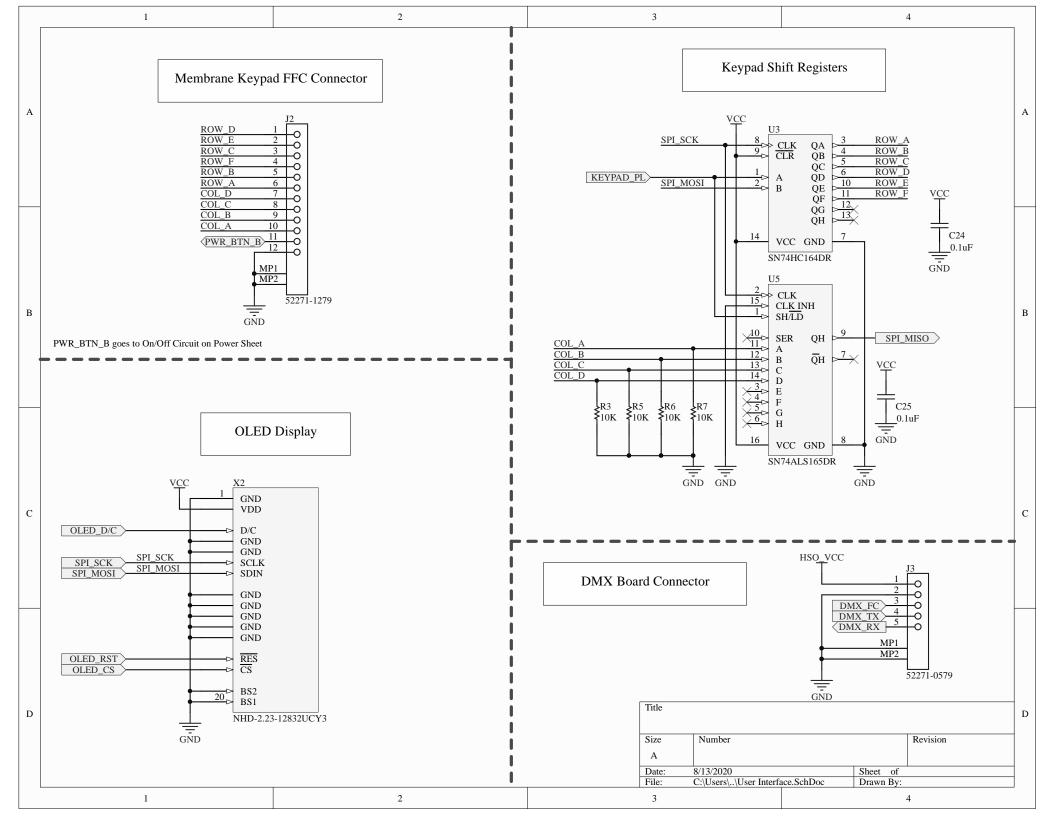


Quantity	Comment	Description	Designator	Footprint
		1.0 mm Pitch Easy- On(TM) Type FPC		
		Connector, 3.0 mm Mated Height,		
		Right Angle, ZIF, SMT, Bottom		
		Contact, 5 Circuits, -40 to 85 degC,		
		ELV and RoHS Compliant, Tape		
1	52271-0579	and Reel 1.0 mm Pitch Easy-	J3	MOLX-52271-0579
		On(TM) Type FPC Connector, 3.0 mm		
		Mated Height, Right Angle, ZIF,		
		SMT, Bottom Contact, 12		
		Circuits, -40 to 85 degC, ELV and		
,	52271-1279	RoHS Compliant, Tape and Reel	J2	MOLX-52271-1279
	DEE/1 IE//	Wide Vin, Multi- Output DC/DC		MODA GEETT TETT
		Converter and PowerPath		
		Controller, 1.8 to		
		5.5 V Vin, 24-pin QFN (UF-24), -40		
1	LTC3101EUF#PBF	to 85 degC, Pb- Free	U1	LT-UF-24_N
		8-Bit Parallel-Out		
	1	Serial Shift Registers, D0014A,		
1	SN74HC164DR	LARGE T&R	U3	D0014A_M
		Parallel-Load 8-Bit Serial Shift		
1	SN74ALS165DR	Registers, D0016A, LARGE T&R	U5	D0016A_L
		Single Positive-		
		Edge-Triggered D- Type Flip-Flop		
	SN74LVC2G74DCU	with Clear and		
1		LARGE T&R Jumper 0603 (1608	U6	DCU0008A_N
1	14.7K	Metric)	R20	RESC0603(1608)_N
1	1M 1%	Jumper 0603 (1608 Metric)	R1	RESC0603(1608)_N
1	221K 1%	Jumper 0603 (1608 Metric)	R2	RESC0603(1608)_N
	10K	Jumper 0603 (1608 Metric)	R3, R5, R6, R7, R10, R19	RESC0603(1608)_N
		CAP 27pF 16V ±0.5pF 0603 (1608		
1	DNP	Metric) Thickness 1mm SMD	C14	CAPC0603(1608)10 0_L
		CAP 27pF 16V ±0.5pF 0603 (1608	C2, C4, C6, C9, C10, C11, C12,	
13	0.1uF	Metric) Thickness 1mm SMD	C13, C15, C24, C25, C27, C31	CAPC0603(1608)10 0_L
		CAP 27pF 16V ±0.5pF 0603 (1608		
	10uF	Metric) Thickness 1mm SMD	C1, C3, C5, C7, C8, C16	CAPC0603(1608)10 0_L
		Low-Capacitance 2		
		Channel ESD- Protection Array		
		for High-Speed Data Interface, 0.9		
		to 5.5 V, -40 to 85 degC, 4-Pin SOP		
		(DZD), Green (RoHS & no Sb/Br),		
1	TPD2E001DZDR	Tape and Reel Male Header, Pitch	U4	DZD0004A_N
	1	1.27 mm, 2 x 5		
1	FTSH-105-01-F-DV-	Position, Height 6.12 mm, RoHS, Tube	P2	SMTC-FTSH-105-
	r.	Male Header, Pitch	1.4	01-L-DV-K_V
		2.54 mm, 1 x 2 Position, Height		
		10.49 mm, Tail Length 3.556 mm, -		
1	640456-2	55 to 105 degC, RoHS, Bulk	J1	TECO-640456-2_V
		Clock Oscillator, 3.3 V, 25 MHz, -55		
	XLH536024.000000			
1	I	and Reel	U9	ECS-396X_V
		ESD Protector Overvoltage		
		Protection Device, 0.25 pF, 24 V, -55		
		to 125 degC, 2-Pin SMD (0603), RoHS,		
1	XGD10603MR	Tape and Reel SD Series High	D1	TECO-0603_V
		Power Density, Low Profile,		
	1	Shielded Inductor, 4.7 uH, -40 to 85		
		degC, 2-Pin SMD, RoHS, Tape and		
1	SD12-4R7-R	Reel IC EEPROM 256K	L1	EATN-SD12_V EP-CAT25256VI-
1	CAT25640VI-GT3	SPI 20MHZ 8SOIC	U12	GT3-IPC_B
1			X2	NHD-2.23- 12832UCY3
1	1		P1 U2	SS-52400-00X LQFP32
	ISTINISZU43 (KBTX	i .	UZ	LUFF3Z









Comment	Description	Designator	Footprint	LibRef	Quantity
	CAP 27pF 16V ±0.5pF 0603 (1608 Metric)				
10uF	Thickness 1mm SMD CAP 27pF 16V ±0.5pF	C1, C3, C5, C7, C8, C16 C2, C4, C6, C9, C10,	CAPC0603(1608)100_L	CMP-1035-00873-1	6
0.1uF	0603 (1608 Metric) Thickness 1mm SMD	C11, C12, C13, C15, C24, C25, C27, C31	CAPC0603(1608)100_L	CMP-1035-00873-1	13
DNP	CAP 27pF 16V ±0.5pF 0603 (1608 Metric) Thickness 1mm SMD	C14	CAPC0603(1608)100_L	CMP-1035-00873-1	1
	ESD Protector Overvoltage Protection Device, 0.25 pF, 24 V, - 55 to 125 degC, 2-Pin SMD (0603), RoHS,				
XGD10603MR	Tape and Reel	D1	TECO-0603_V	CMP-2000-06889-1	1
	Male Header, Pitch 2.54 mm, 1 x 2 Position, Height 10.49 mm, Tail Length 3.556 mm, -55 to 105 degC, RoHS,				
640456-2	Bulk 1.0 mm Pitch Easy-	J1	TECO-640456-2_V	CMP-2000-05417-1	1
52274 4270	On(TM) Type FPC Connector, 3.0 mm Mated Height, Right Angle, ZIF, SMT, Bottom Contact, 12 Circuits, -40 to 85 degC, ELV and RoHS Compliant, Tape and	In .	MOLV 52271 1270	52274 1270	,
52271-1279	Reel 1.0 mm Pitch Easy-	J2	MOLX-52271-1279	52271-1279	1
	On(TM) Type FPC Connector, 3.0 mm Mated Height, Right Angle, ZIF, SMT, Bottom Contact, 5 Circuits, -40 to 85 degC, ELV and ROHS				
52271-0579	Compliant, Tape and Reel	J3	MOLX-52271-0579	52271-0579	1
	SD Series High Power Density, Low Profile, Shielded Inductor, 4.7 uH, -40 to 85 degC, 2- Pin SMD, RoHS, Tape				
SD12-4R7-R	and Reel	L1	EATN-SD12_V	CMP-2000-07038-1	1
SS-52400-003	Mala Handar Dikab 1 07	P1	SS-52400-00X	SS-52400-003	1
FTSH-105-01-F-DV-K	Male Header, Pitch 1.27 mm, 2 x 5 Position, Height 6.12 mm, RoHS, Tube	P2	SMTC-FTSH-105-01-L- DV-K_V	CMP-2000-05352-1	1
1M 1%	Jumper 0603 (1608 Metric)	R1	RESC0603(1608)_N	CMP-1012-00001-1	1
221K 1%	Jumper 0603 (1608 Metric)	R2	RESC0603(1608)_N	CMP-1012-00001-1	1
10K	Jumper 0603 (1608 Metric)	R3, R5, R6, R7, R10, R19	RESC0603(1608)_N	CMP-1012-00001-1	6
14.7K	Jumper 0603 (1608 Metric)	R20	RESC0603(1608)_N	CMP-1012-00001-1	1
LTC3101EUF#PBF	Wide Vin, Multi- Output DC/DC Converter and PowerPath Controller, 1.8 to 5.5 V Vin, 24-pin OFN (UF-24), -40 to 85 degC, Pb-Free	U1	LT-UF-24_N	CMP-0478-00246-1	1
STM32G431KBTx	0 Dit Darallol Out Co-1-1	U2	LQFP32	STM32G431KBTx	1
SN74HC164DR	8-Bit Parallel-Out Serial Shift Registers, D0014A, LARGE T&R	U3	D0014A_M	CMP-0780-00006-3	1
	Low-Capacitance 2- Channel ESD- Protection Array for High-Speed Data Interface, 0.9 to 5.5 V, - 40 to 85 degC, 4-Pin SOP (DZD), Green (RoHS & no Sb/Br),				
TPD2E001DZDR	Tape and Reel	U4	DZD0004A_N	CMP-2000-04961-1	1
SN74ALS165DR	Parallel-Load 8-Bit Serial Shift Registers, D0016A, LARGE T&R	U5	D0016A_L	CMP-0780-00014-3	1
SN74LVC2G74DCUR	Single Positive-Edge- Triggered D-Type Flip- Flop with Clear and Preset, DCU0008A, LARGE T&R	U6	DCU0008A_N	CMP-0859-00648-3	1
XLH536024.0000001	Clock Oscillator, 3.3 V, 25 MHz, -55 to 125 degC, 4-Pin SMD, RoHS, Tape and Reel	U9	ECS-396X_V	CMP-2000-06192-1	1
CAT25640VI-GT3	IC EEPROM 256K SPI 20MHZ 8SOIC	U12	FP-CAT25256VI-GT3- IPC_B	CMP-07117-000003-1	
NHD-2.23-12832UCY3	ZOIVII IZ OSOTIC	X2	NHD-2.23-12832UCY3	NHD-2.23-12832UCY3	1
		7 ta.			'

