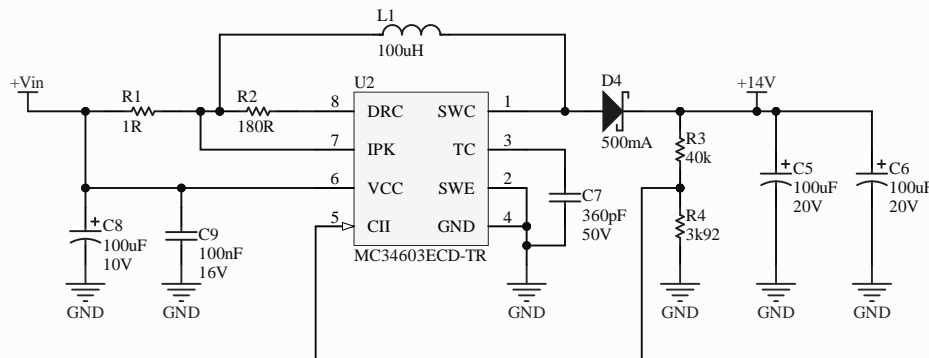
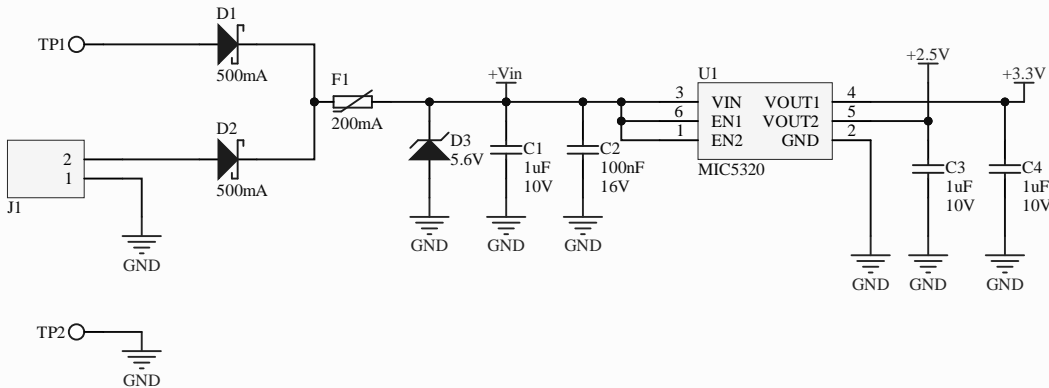


VIN expected to be 3.7V Nominally



Title		
Size	Number	Revision
A4		
Date:	8-27-2022	Sheet of
File:	C:\Users\...\Power.SchDoc	Drawn By:

LibRef	Manufacturer Part Number	Comment	Description	Designator	Quantity
C000003	C0805C105M8RAC 7800	Capacitor	Unpolarized Capacitor	C1, C3, C4, C23	4
C000004	C0805C104K4REC AUTO	Capacitor	Unpolarized Capacitor	C2, C9, C10, C11, C15, C17, C20, C22, C24, C25, C26	11
C000009	293D107X9020D2T E3	Cap_Pol	Polarized Capacitor	C5, C6	2
C000002	C0805C361J5GAC7 800	Capacitor	Unpolarized Capacitor	C7	1
C000001	293D107X0010C2T E3	Cap_Pol	Polarized Capacitor	C8	1
C000008	C0805C100J3GAC7 800	Capacitor	Unpolarized Capacitor	C12, C13	2
C000007	T491C106M025AT 7280	Cap_Pol	Polarized Capacitor	C14, C21	2
C000005	C0805C475K4RAC 7210	Capacitor	Unpolarized Capacitor	C16, C19	2
C000006	T491A475K025AT	Cap_Pol	Polarized Capacitor	C18	1
D000001	DSS14U	Schottkey_Diode	Schottkey Diode	D1, D2, D4	3
D000002	DDZ9690-7	Zener_Diode	Zener Diode	D3	1
R000008	OZCH0020FF2E	Fuse		F1	1
J000002		J000002	Header 2	J1	1
J000003		Header_5	Header 5	J2	1
J000004		Header_15X2	15X2 Header	J3	1
L000001	SRN4018-101M	Inductor	Inductor	L1	1
R000001	CRCW08051R00FK EAC	Resistor		R1	1
R000002	CRCW0805180RFK EAC	Resistor		R2	1
R000003	CRCW080540K0FK EA	Resistor		R3	1
R000004	CRCW08053K92FK EB	Resistor		R4	1
R000005	CRCW080510K0FK EAC	Resistor		R5, R6	2
R000007	CRCW08054K70FK TA	Resistor		R7, R8	2
R000006	CRCW08051M20J NEA	Resistor		R9	1
U000005	MIC5320-SJYD6- TR	MIC5320	3.3V 2CH Regulator	U1	1
U000002	MC34063ECD-TR	MC34603ECD-TR	MC34603ECD-TR	U2	1
U000006	PT7C4563BWEX	PT7C4563BWEX		U3	1
U000001	STM32L010C6T6	STM32L010C6T6	STM32L010C6T6	U4	1
U000004	NHD-0.95-9664G	NHD_DISP	0.95" OLED Display SPI/Parallel	U5	1
X000001	LFXTAL025159REE L	Oscillator		X1	1