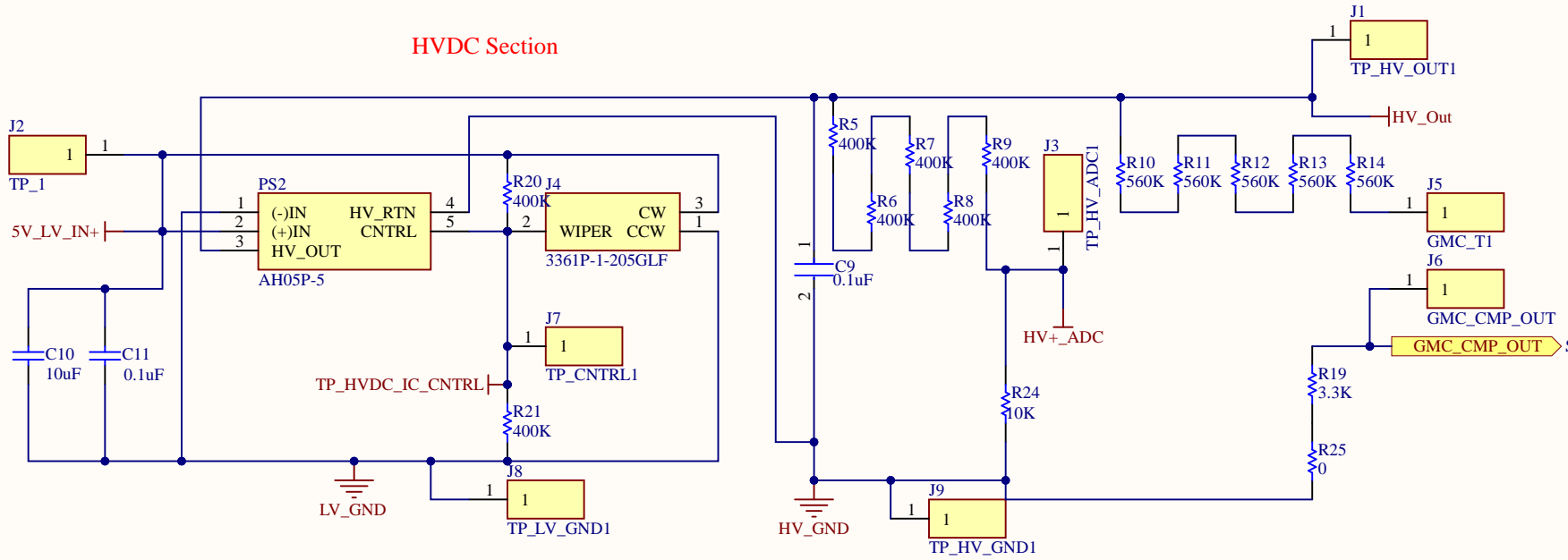
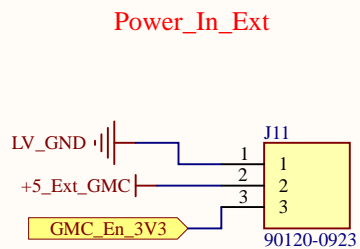


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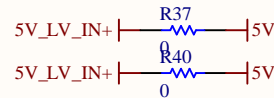
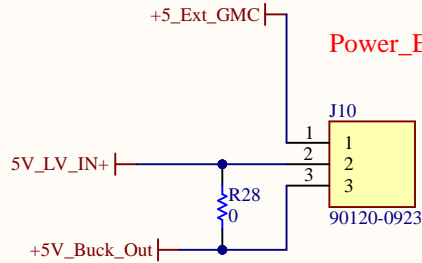
HVDC Section



Power_In_Ext



Power_Enable



GND_Links



Title		
Size	Number	Revision
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A

B

C

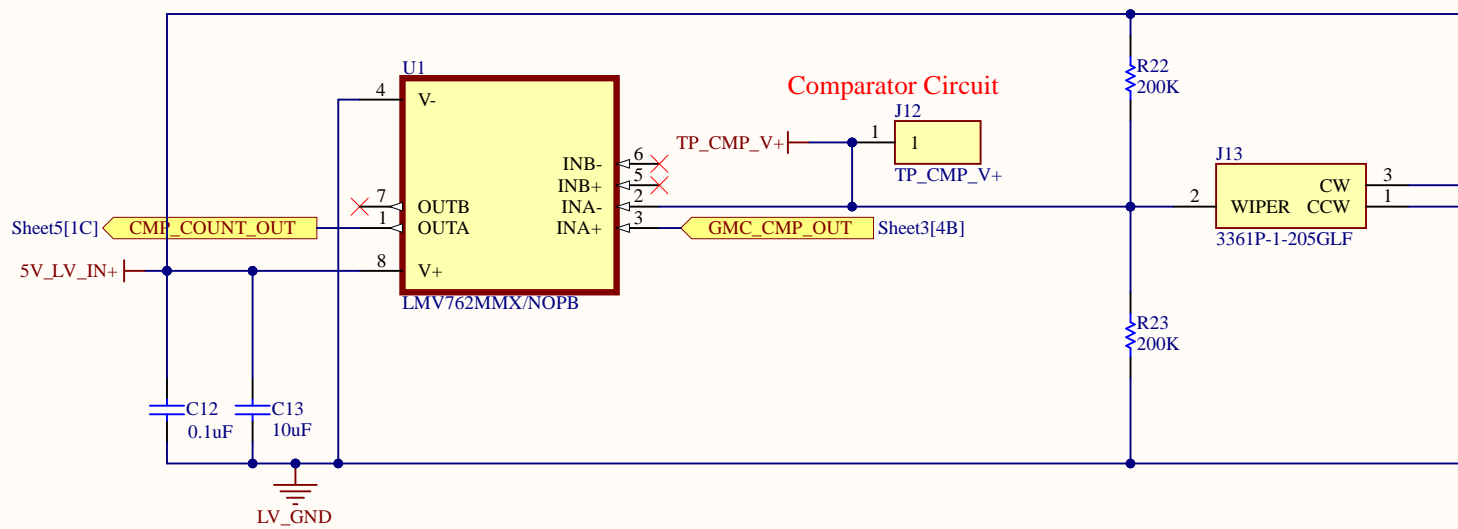
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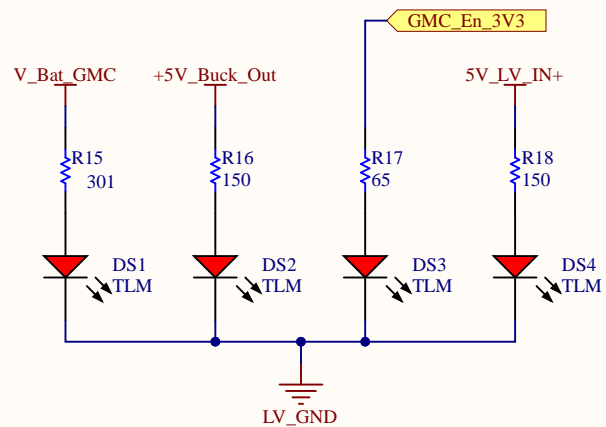
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C

D

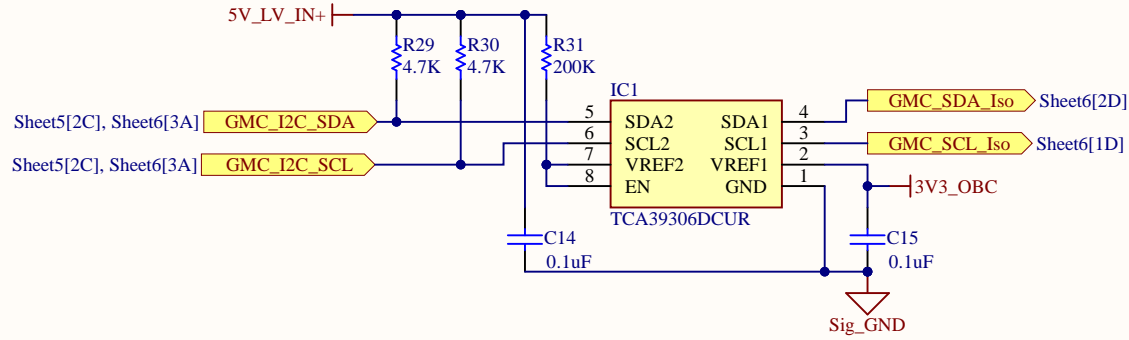


LEDs

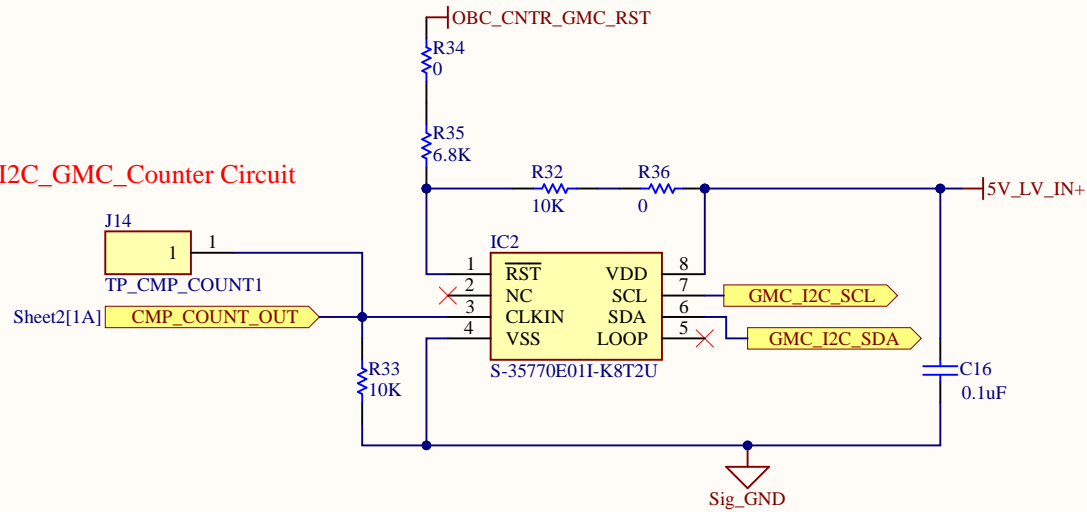


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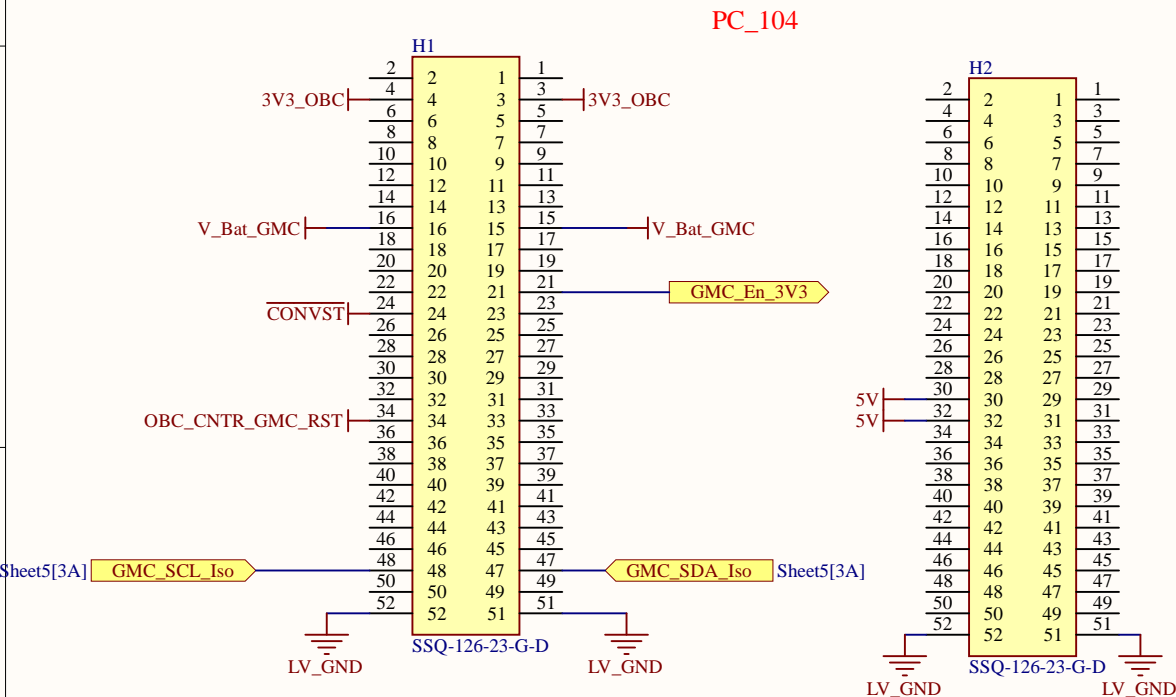
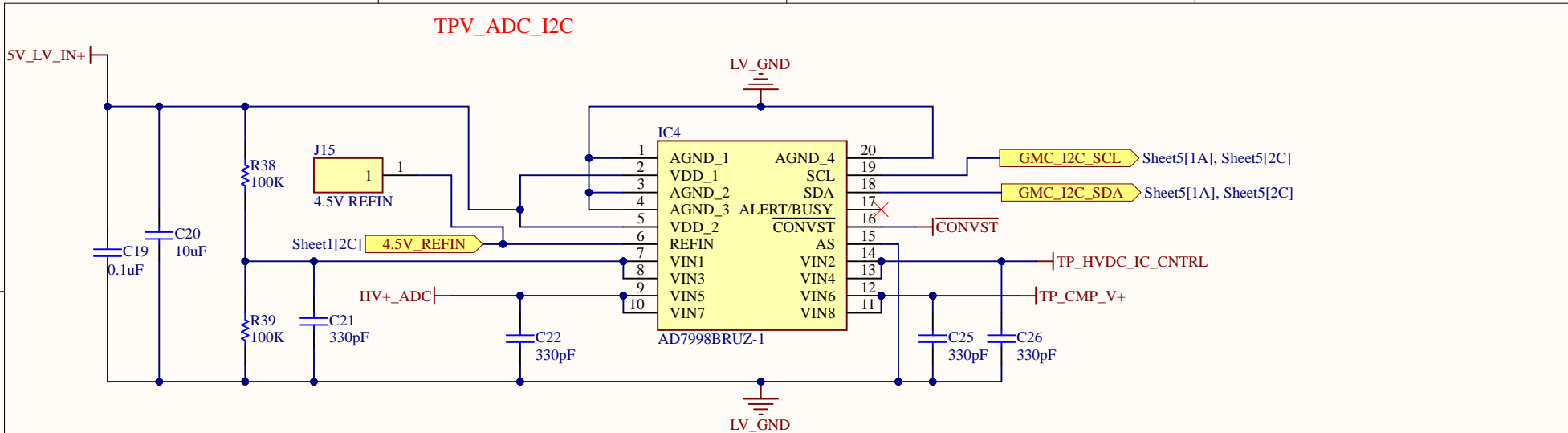
I2C_Voltage_Level_Translator



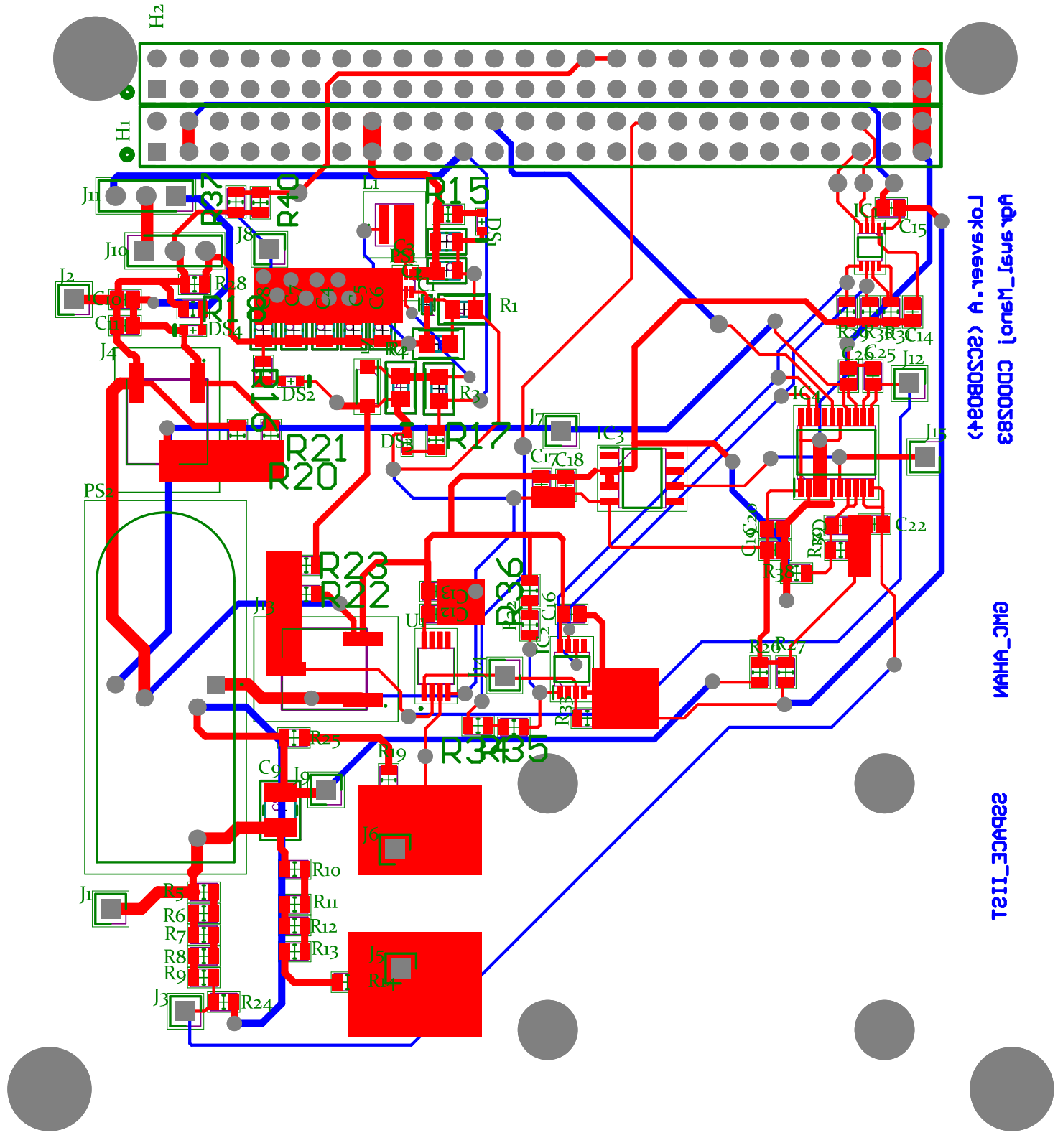
I2C_GMC_Counter Circuit



Title		
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File:	E:\POWER\GMC_NEW\Sheet5.SchDoc	Drawn By: Manoj Agrawal



Title		
Size	Number	Revision
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Date:	3/03/2024	Sheet of
File:	E:\POWER\GMC_NEW\Sheet6.SchDoc	Drawn By: Manoj Agrawal



гд. snaj_14u0j CD00583
Гокзвер.А (2С508034)

QMC_9H4H

22bACE_1121

Line #	Name	Description	Designator	Revision ID	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	C0402C104K8PACTU	CAP CER 0.1UF 10V X5R 0402	C1	CMP-2008-02046-2	Up to date	1	KEMET	C0402C104K8PACTU	Volume Production	Newark	78H4791	0.007	0.007
	CC0805KKX7R7BB474	CAP CER 0.47UF 16V X7R 0805	C2, C3, C4, C5, C6, C7, C8	CMP-03422-000080-1	Up to date	7	Yageo	CC0805KKX7R7BB474	Volume Production	Farnell	3188887	0.09559	0.66916
	12101C225KAT2A	General Purpose Ceramic Capacitor, 1210, 2.2uF, 10%, X7R, 15%, 100V	C9	CMP-1038-02104-3	Up to date	1	KEMET	C1210C225K1RAC	Volume Production	Arrow Electronics	C1210C225K1RAC	0.2088	0.2088
	C0805C103K5RACTU		C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C25, C26	CMP-2007-00266-1	Up to date	15	KEMET	C0805C103K5RAC-TU	Volume Production	Newark	53M7243	0.017	0.255
	TLMS1100-GS08	LED, RED, 2.1 V, -40 to 100 degC, 2-Pin SMD (0603), RoHS, Tape and Reel	DS1, DS2, DS3, DS4	CMP-1666-00027-1	Up to date	4	Vishay	TLMS1100-GS08	Unknown	Newark	35M3053	0.088	0.352
	SSQ-126-23-G-D	Connector	H1, H2			2							
	TCA39306DCUR	Integrated Circuit	IC1			1							
	S-35770E011-K8T2U	Integrated Circuit	IC2			1							
	REF194ESZ-REEL	Integrated Circuit	IC3			1							
	AD7998BRUZ-1	Integrated Circuit	IC4			1							
	TP_HV_OUT1	Connector	J1			1							
	TP_1	Connector	J2			1							
	TP_HV_ADC1	Connector	J3			1							
	3361P-1-205GLF	Connector	J4, J13			2							
	GMC_T1	Connector	J5			1							
	GMC_CMP_OUT	Connector	J6			1							
	TP_CNTRL1	Connector	J7			1							
	TP_LV_GND1	Connector	J8			1							
	TP_HV_GND1	Connector	J9			1							
	90120-0923	Connector	J10, J11			2							
	TP_CMP_V+	Connector	J12			1							
	TP_CMP_COUNT1	Connector	J14			1							
	4.5V REFIN	Connector	J15			1							
	2.2uH	Inductor	L1			1							
	TPS566242DRLR	Power Supply	PS1			1							
	AH05P-5	Power Supply	PS2			1							
	CRCW08050000Z0EAHP	RES Thick Film, 0Ω, 0.5W, 0805	R1, R2, R3, R4	CMP-2001-04185-2	Up to date	4	Vishay Dale	CRCW08050000Z0EAHP	Volume Production	Newark	68R2993	0.032	0.128
	CRCW08050000Z0EA		R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40	CMP-2001-04896-1	Up to date	36	Vishay	CRCW08050000Z0EA	Volume Production	Newark	52K9721	0.006	0.216
	LMV762MMX/NOPB		U1			1							
	BZD27B5V1P-M3-08	Zener Diode	Z1			1							