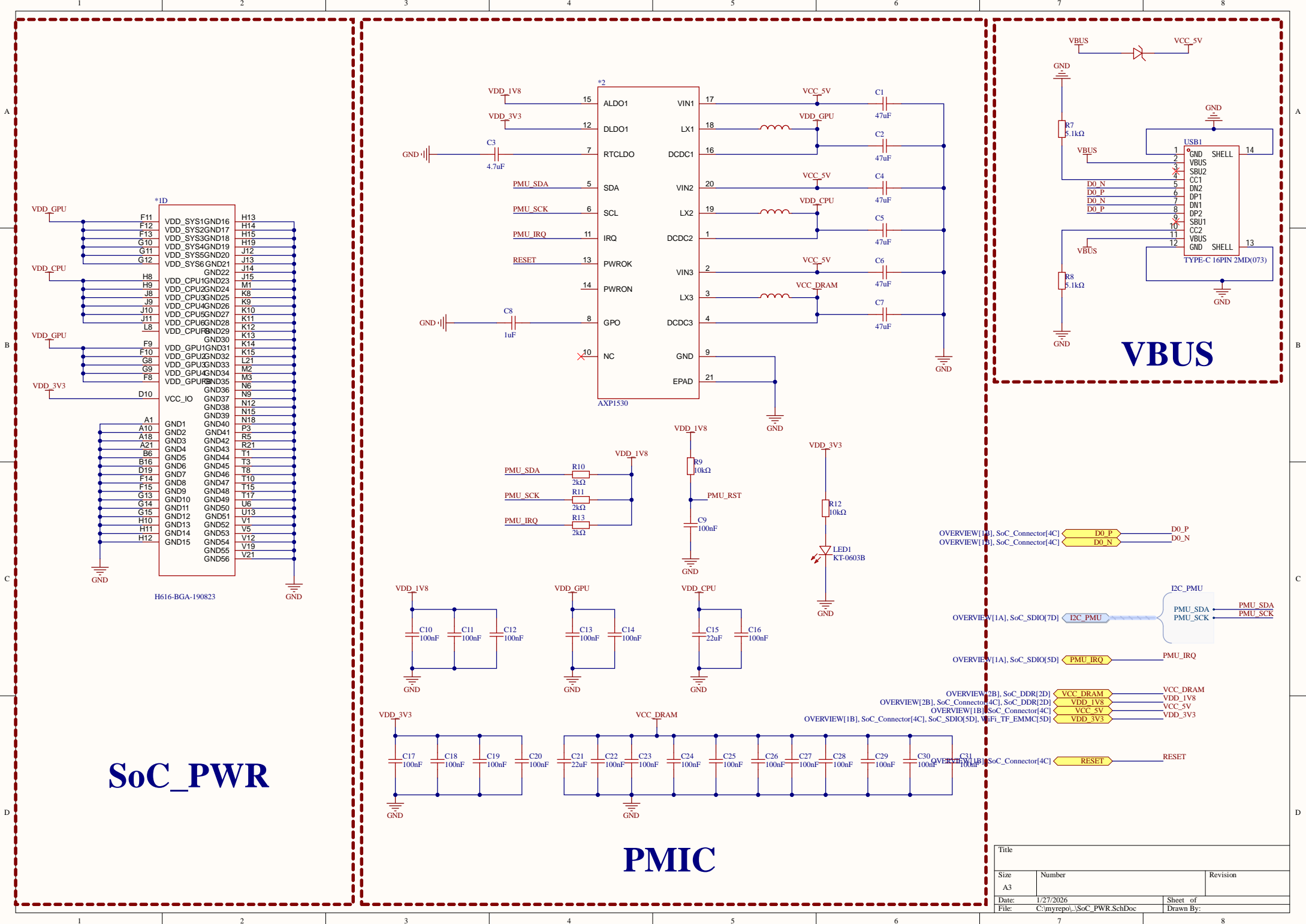


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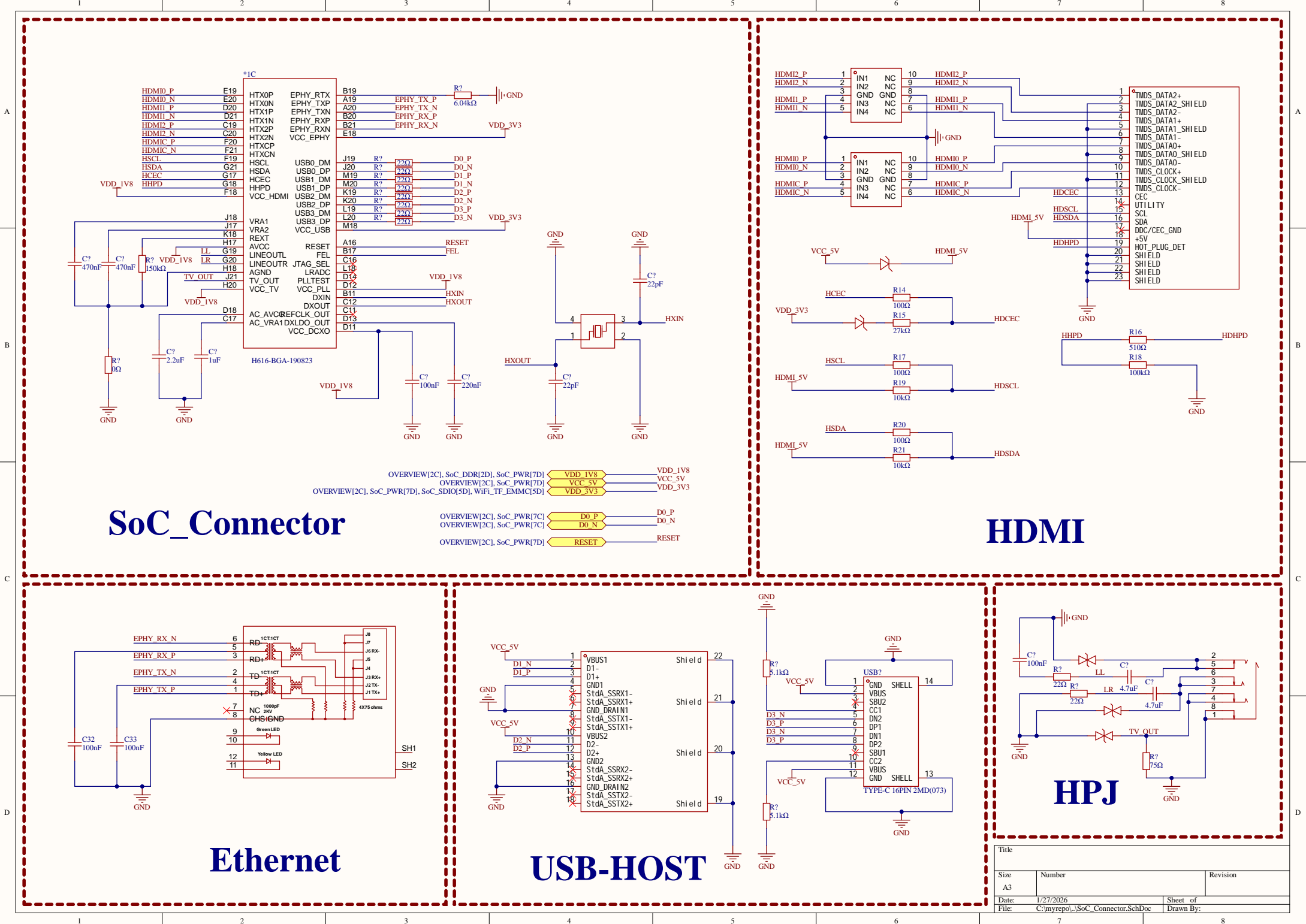


SoC_PWR

PMIC

VBUS

Title		
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A3		
Date:	1/27/2026	Sheet of
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SoC_Connector

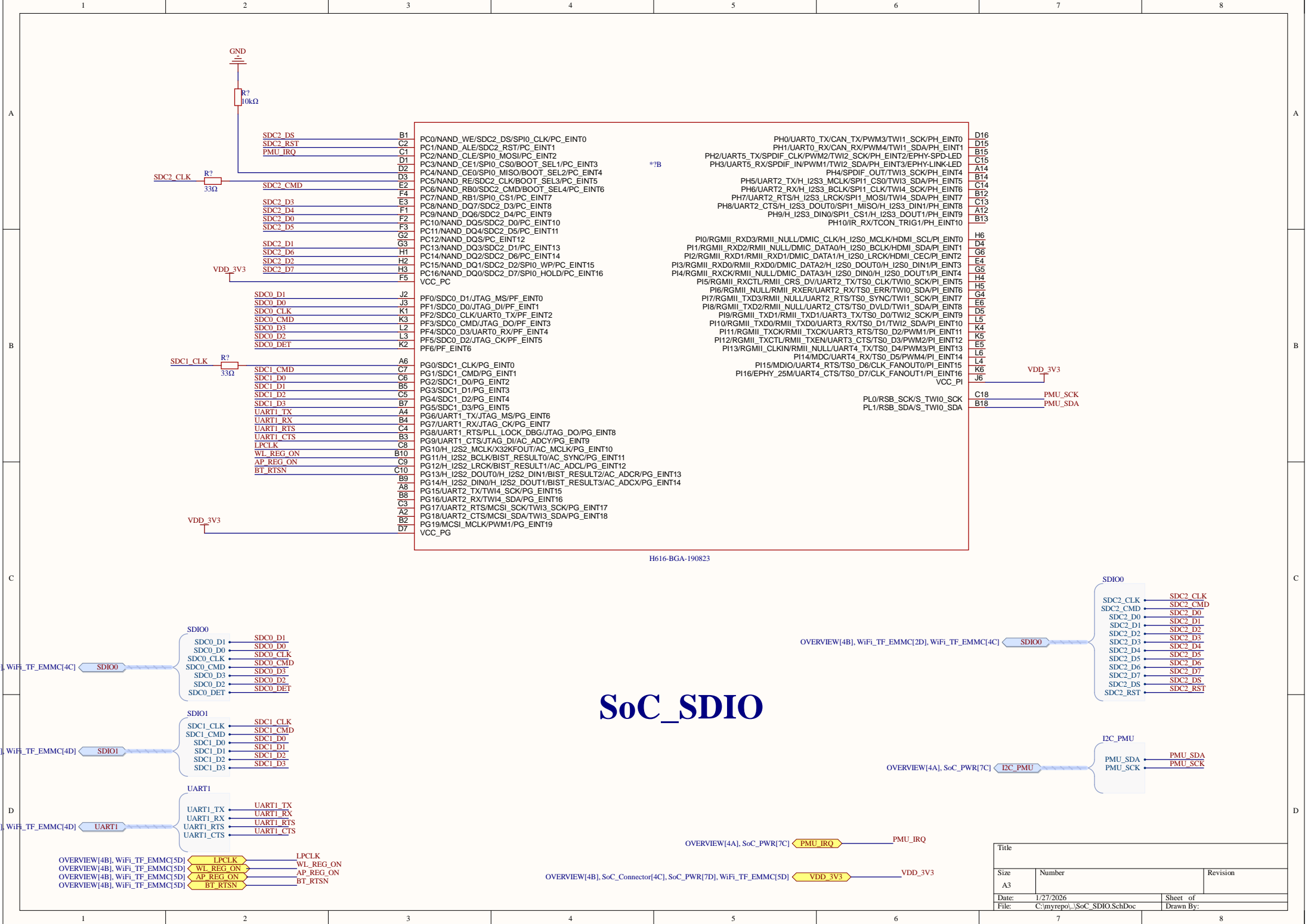
HDMI

Ethernet

USB-HOST

HPJ

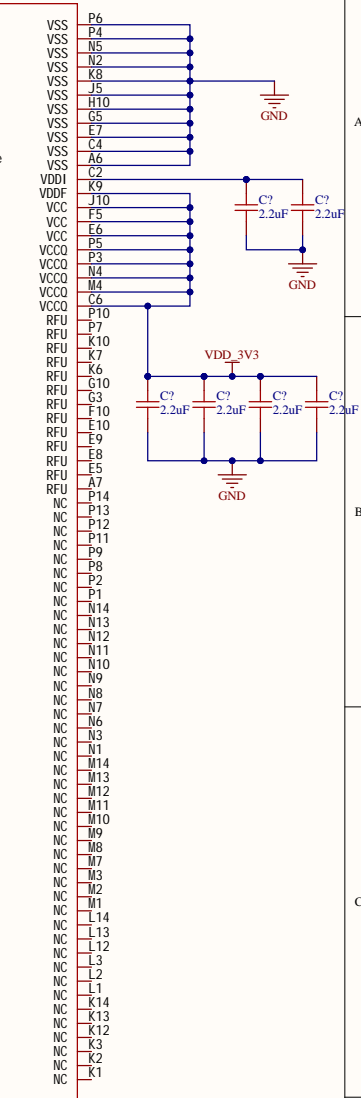
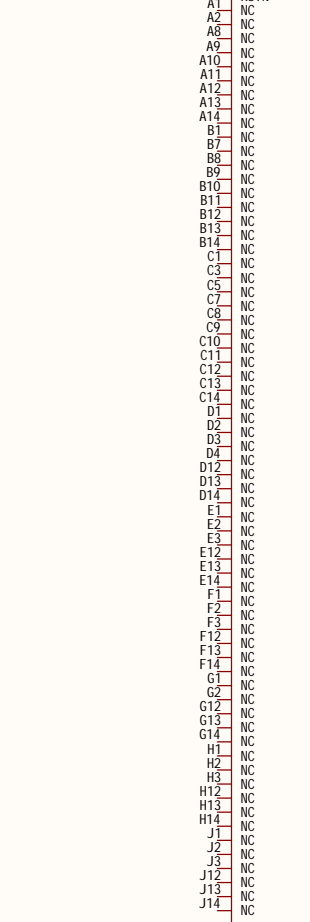
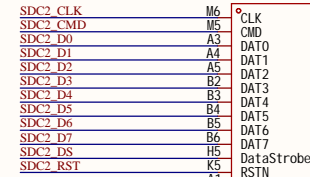
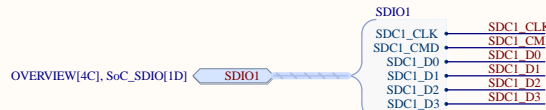
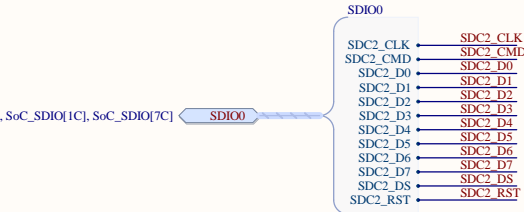
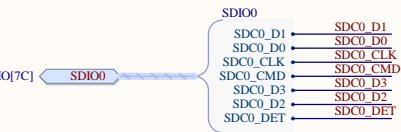
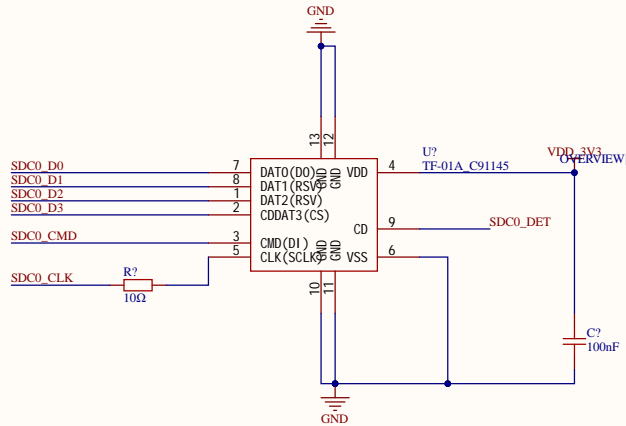
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SoC_SDIO

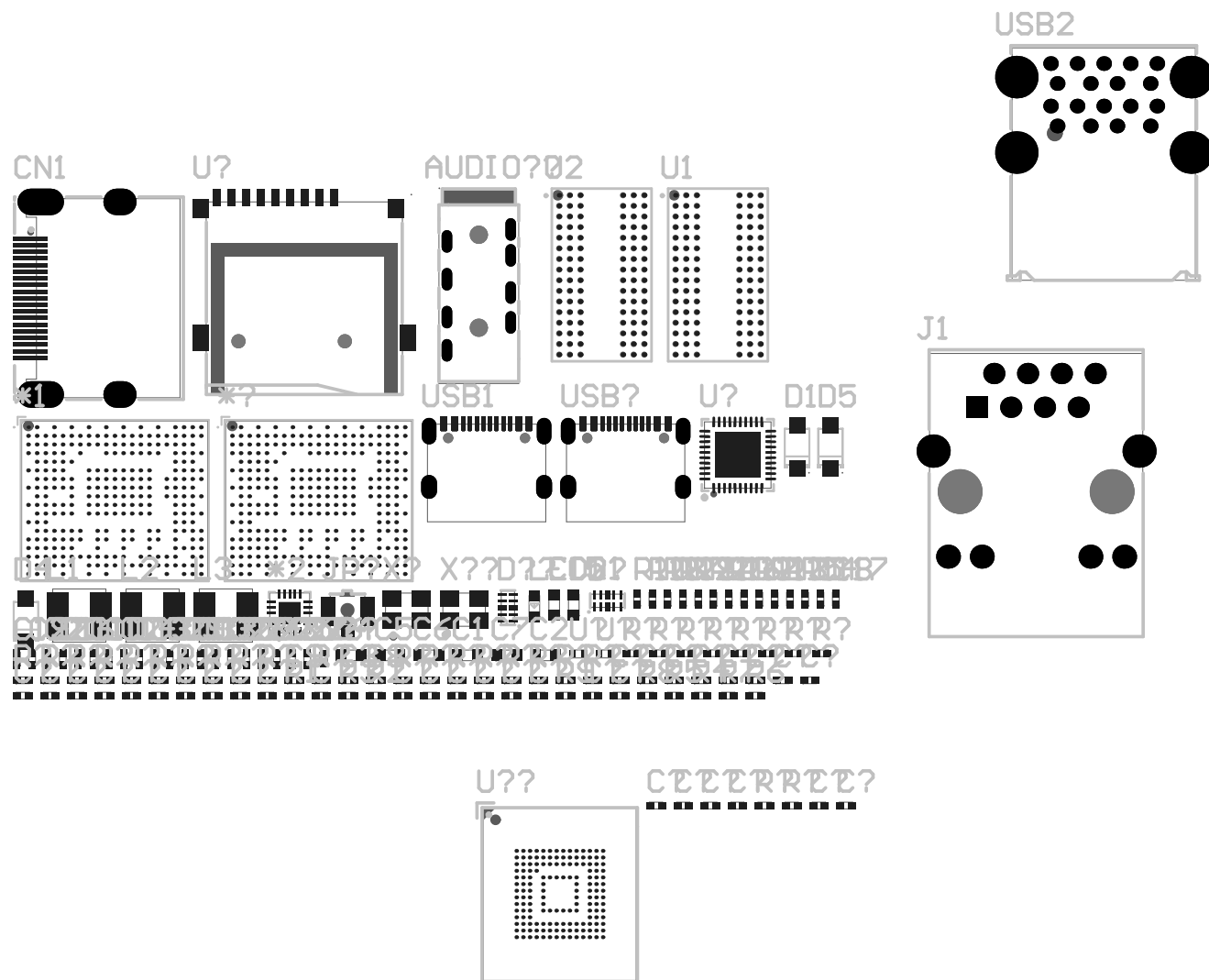
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A3		
Date:	1/27/2026	Sheet of
File:	C:\myrepo\...\SoC_SDIO.SchDoc	Drawn By:

Wi-Fi



TF

Title		
Size	Number	Revision
A3		
Date:	1/27/2026	Sheet of
File:	C:\myrepo\Wi-Fi_TF_EMMC.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	Ref	Quantity
1616-BGA-16823	Advanced 1616	1-17	BGA-28_114.0-W12.0 Pin 1	1616-BGA-16823	2
ADP1530	ADP153A	2	ADP1530-1.2-W12.0 Pin 1	ADP1530	1
PS-3000-BA	PS-3000-BA	ADP077	PS-3000-BA Pin 1	PS-3000-BA	1
47uF	100 25uF X5R X50V 0402 Ceramic Capacitors-ROHS	C1, C2, CA, CS, CA, C7	0402	47uF	6
4.7uF	100 4.7uF X5R X50V 0402 Ceramic Capacitors-ROHS	C3, C7	0402	4.7uF	2
1uF	100 1uF X5R X50V 0402 Ceramic Capacitors-ROHS	C8, C7	0402	1uF	12
100uF	100 100uF X5R X50V 0402 Ceramic Capacitors-ROHS	C9, C10, C11, C12, C13, C14, C15, C17, C18, C19, C20, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C7	0402	100uF	27
22uF	100 22uF X5R X50V 0402 Ceramic Capacitors-ROHS	C16, C21	0402	22uF	2
2.2uF	100 2.2uF NP0 0402 Ceramic Capacitors ROHS	C7	0402	2.2uF	1
22uF	100 22uF CGC 45V 0402 Ceramic Capacitors-ROHS	C7	0402	22uF	4
220uF	100 220uF X5R X50V 0402 Ceramic Capacitors-ROHS	C7	0402	220uF	1
470uF	100 470uF X5R X50V 0402 Ceramic Capacitors-ROHS	C7	0402	470uF	2
1uF	100 1uF X5R X50V 0402 Ceramic Capacitors-ROHS	C7	0402	100uF	2
104-HEX8-19P-Cu	104-HEX8-19P-Cu DVI, HEX8 Connector Assemblies-ROHS	C21	HEX8-3A03_304-HEX8- 19P-C7	104-HEX8-19P-Cu	1
DSX24	DSX24	C31, D4, D5	DSX24-1.0-3.7-W12.0 Pin 1	DSX24	2
PClamp0204PACT	PClamp0204PACT	D7, D77	PClamp0204PACT Pin 1	PClamp0204PACT	2
DSV1105GA-1-0204	DSV1105GA-1-0204	D7	DSV1105GA-1-0204 Pin 1	DSV1105GA-1-0204	1
60uH	60uH	D7	60uH-1.0-3.7-W12.0 Pin 1	60uH	1
1uH	1.5A 1uH 1.20V 100uH 1.20V 1.0A Fixed Inductor-ROHS	L1, L2, L3	1.5A-1.20V-1.0A-1.0 Pin 1	1.5A-1.20V-1.0A-1.0	2
KT-0603B	KT-0603B	L31	KT-0603B Pin 1	KT-0603B	1
100u 02 50W 50V	100u 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R1, R14, R17, R20	0402	100u	4
2400	2400 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R2, R3, R4, R5, R6	0402	2400	5
5.7k0	5.7k0 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R7, R8, R7	0402	5.7k0	4
10k0	10k0 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R9, R12, R19, R21, R27	0402	10k0	5
2k0	2k0 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R10, R11, R13	0402	2k0	3
27k0	27k0 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R16	0402	27k0	1
5100	5100 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R16	0402	5100	1
100k0	100k0 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R16	0402	100k0	1
50	50 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R7	0402	50	2
4.0k0	4.0k0 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R7	0402	4.0k0	1
100	100 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R7	0402	100	1
220	220 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R7	0402	220	10
330	330 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R7	0402	330	2
47k0	47k0 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R7	0402	47k0	6
750	750 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R7	0402	750	1
15k0	15k0 02 50W 50V Film Resistor 47% 0402 Chip Resistor - Surface Mount-ROHS	R7	0402	15k0	1
HTC4040EPF-HEC	HTC4040EPF-HEC	H1, U2	HTC4040EPF-HEC Pin 1	HTC4040EPF-HEC	2
TF-DIA_CV1145	TF-DIA_CV1145	D7	TF-DIA_CV1145 Pin 1	TF-DIA_CV1145	1
08029	08029	D7	08029-1.0-3.7-W12.0 Pin 1	08029	1
ES25451N	ES25451N	D7, U77	ES25451N-1.0-3.7-W12.0 Pin 1	ES25451N-1.0-3.7-W12.0	2
KLMB01GE7F-8041	KLMB01GE7F-8041	D77	KLMB01GE7F-8041 Pin 1	KLMB01GE7F-8041	1
TYPE-C 16P1N-2.0AUS27B	TYPE-C 16P1N-2.0AUS27B	D80, D87	TYPE-C 16P1N-2.0AUS27B Pin 1	TYPE-C 16P1N-2.0AUS27B	2
USB-3030VSD-BBY	USB-3030VSD-BBY	D82	USB-3030VSD-BBY Pin 1	USB-3030VSD-BBY	1
60uH	60uH	D7	60uH-1.0-3.7-W12.0 Pin 1	60uH	1
240uH	240uH	D77	240uH-1.0-3.7-W12.0 Pin 1	240uH	1