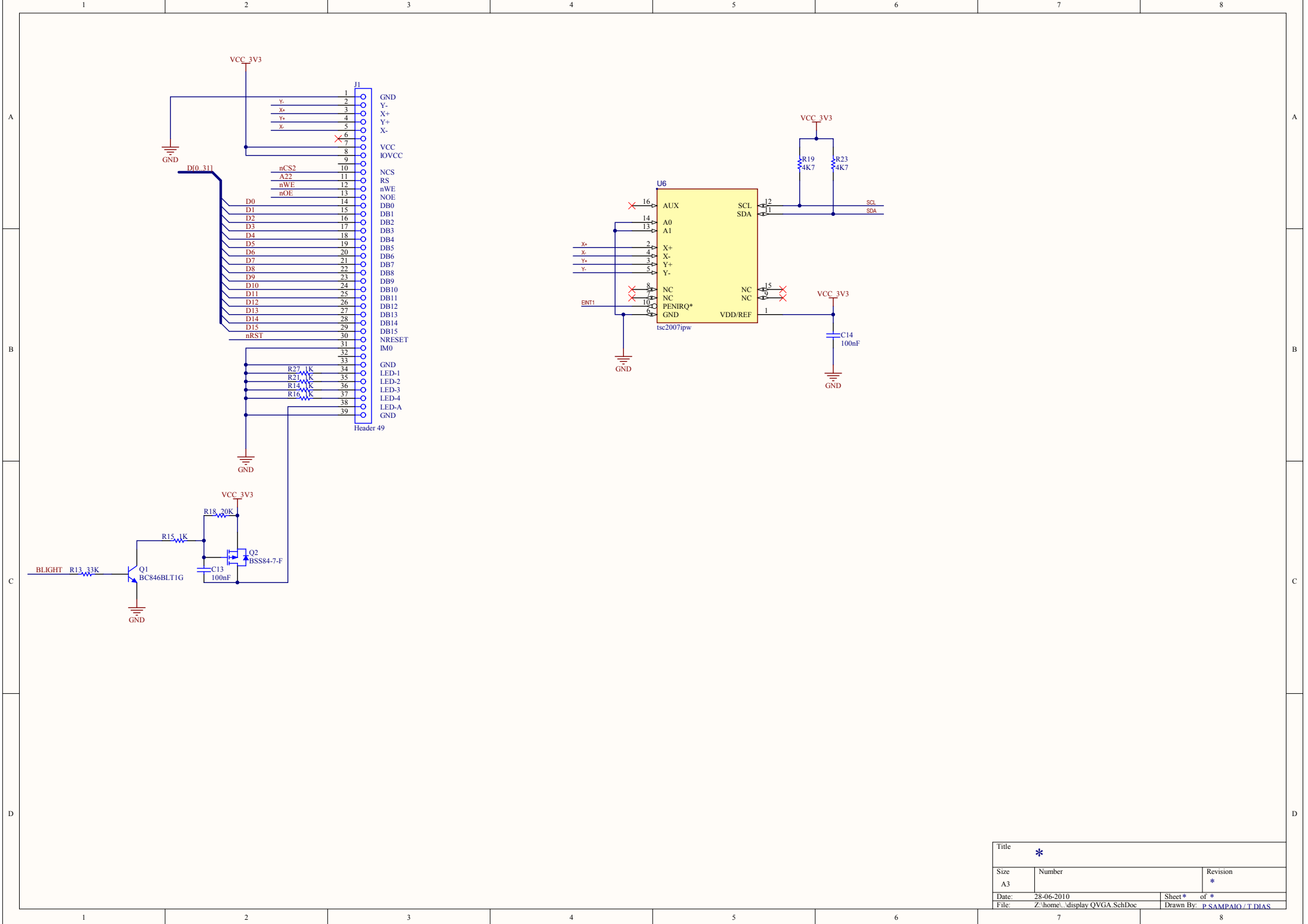
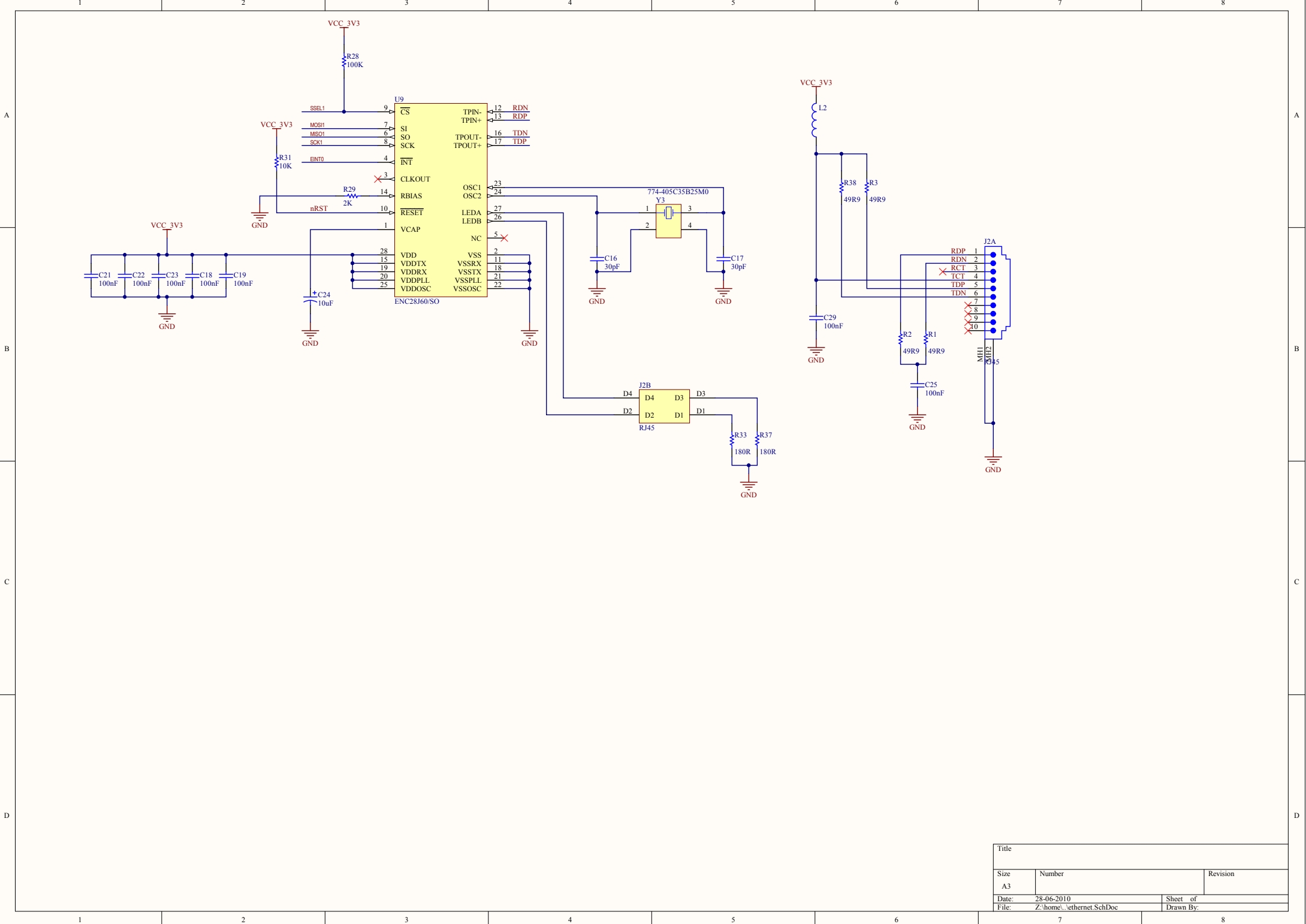


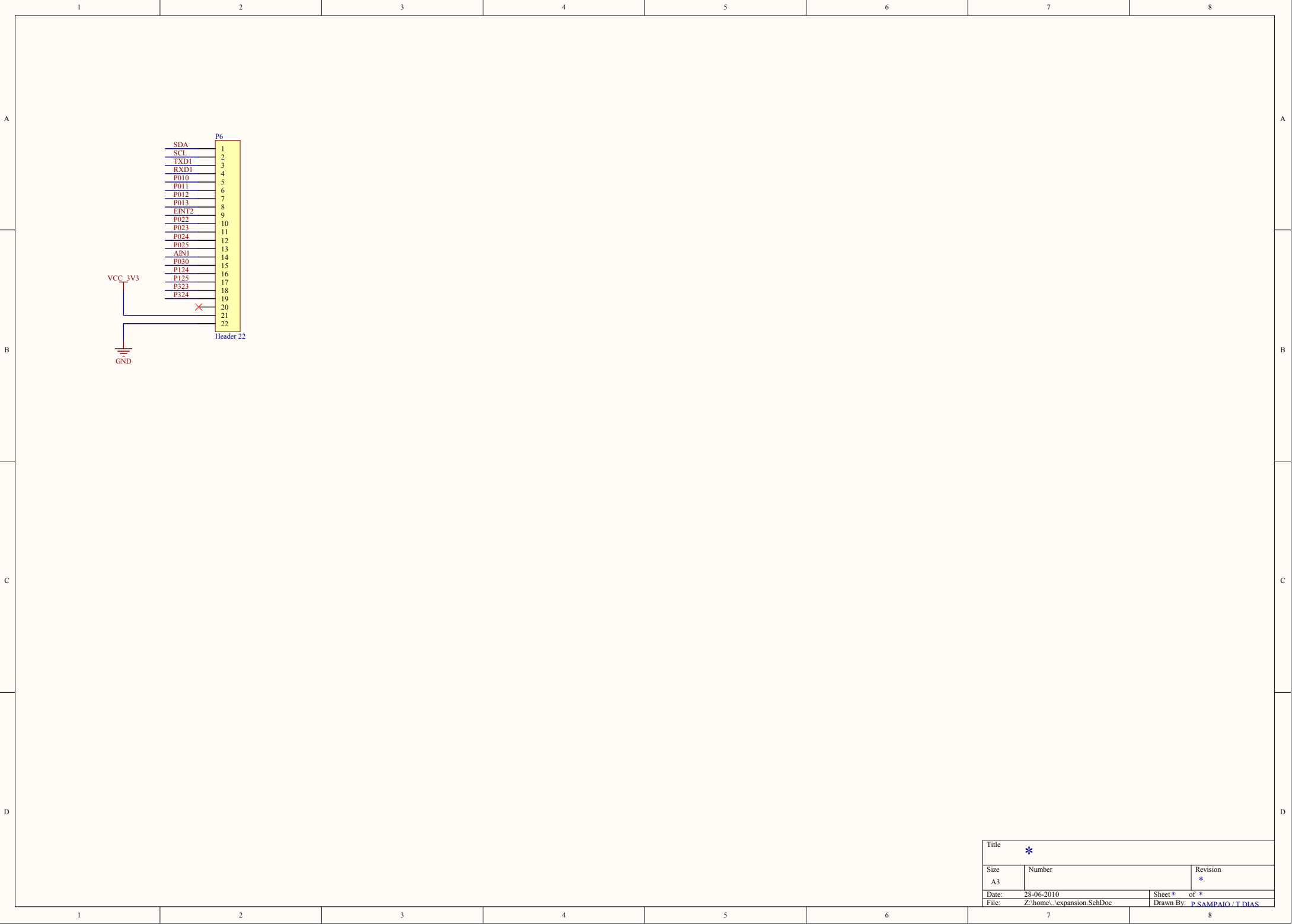
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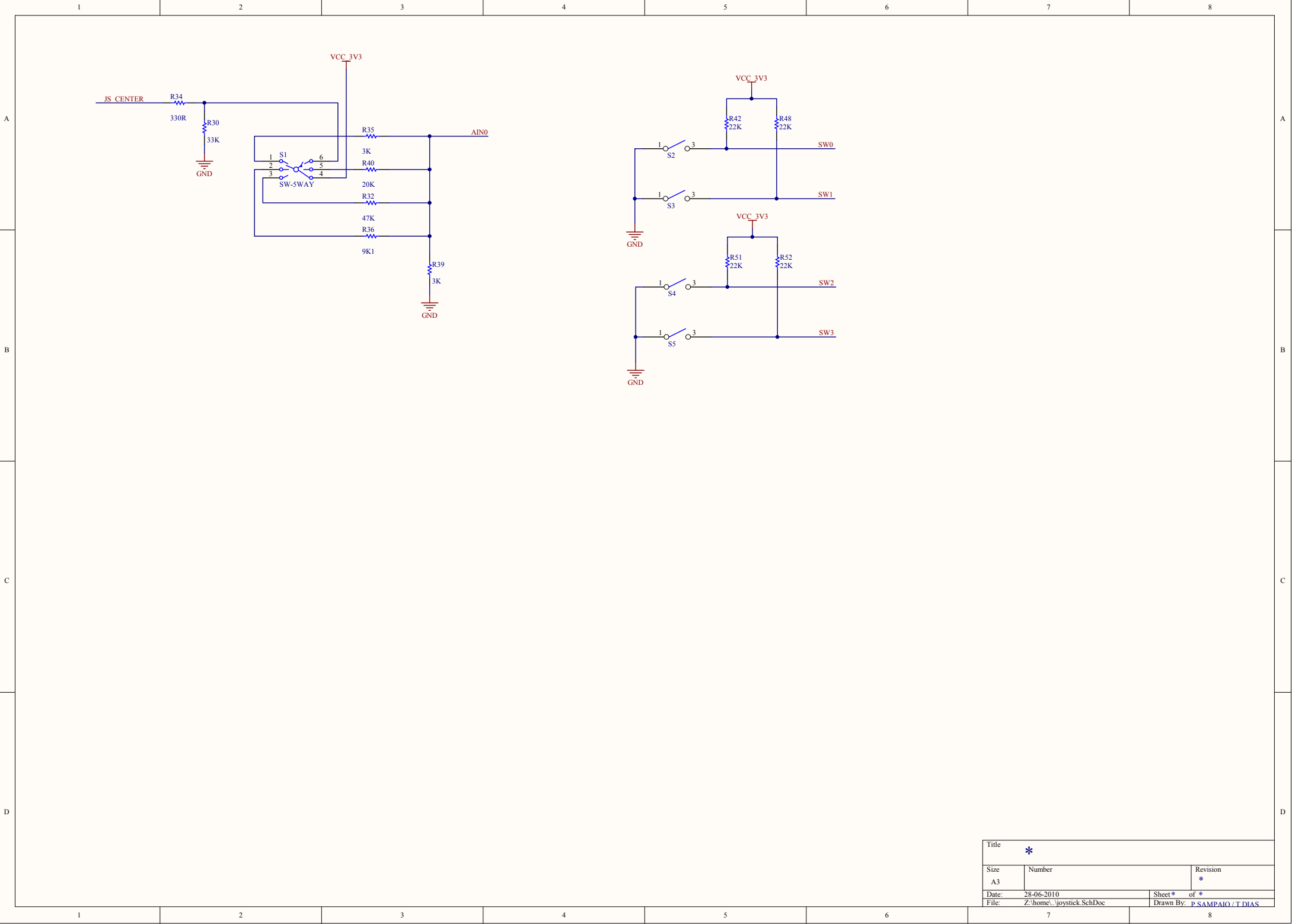
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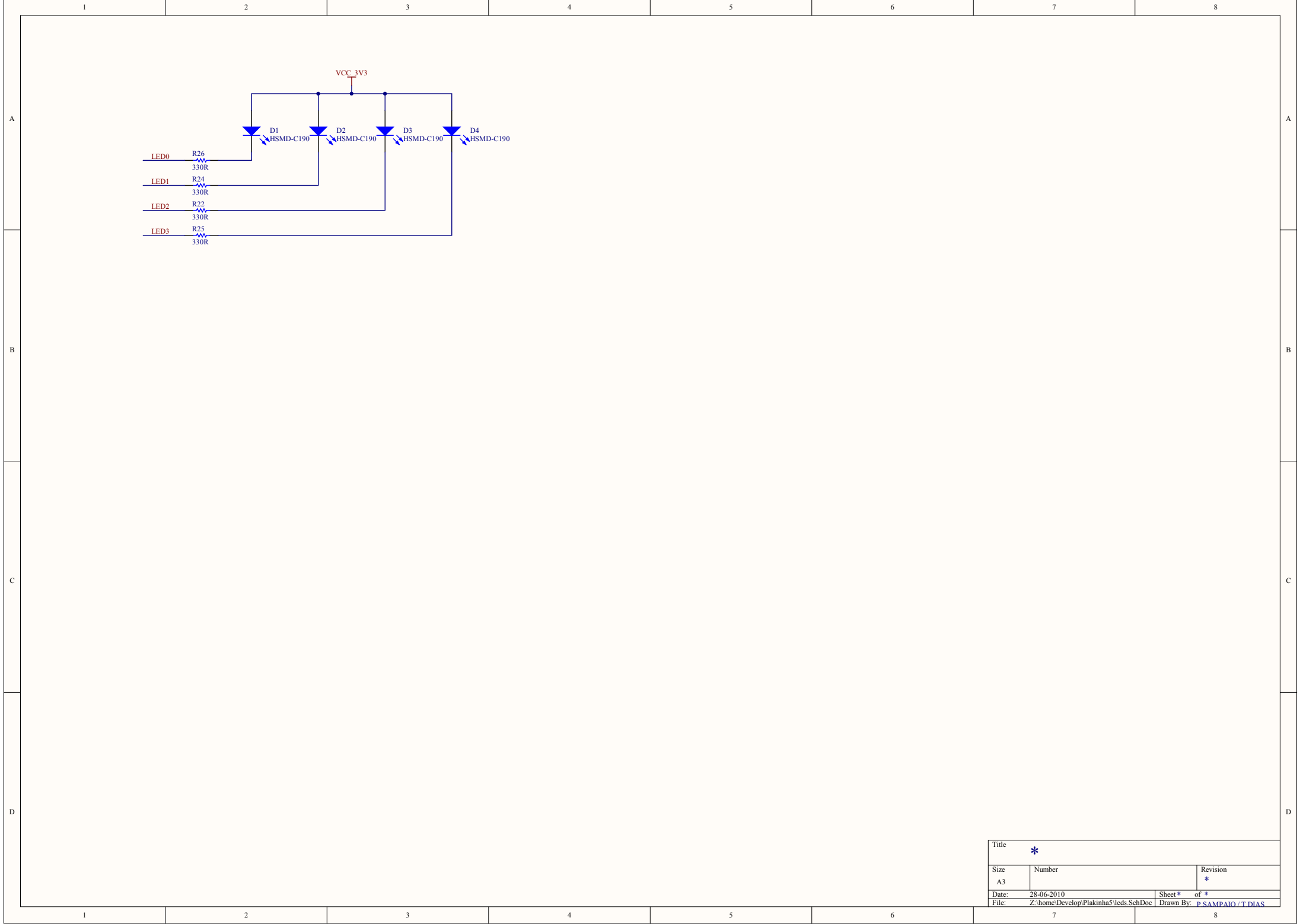
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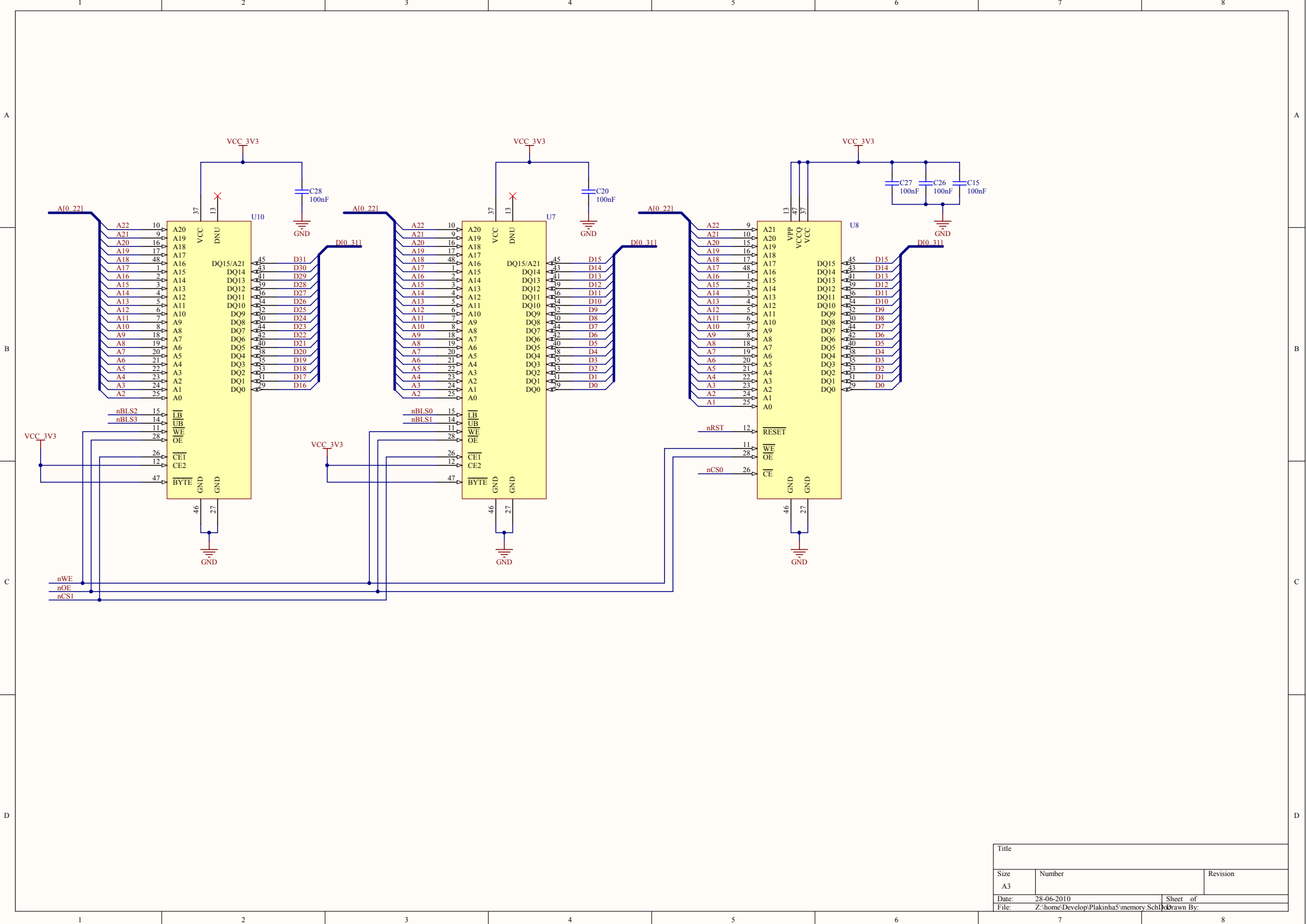
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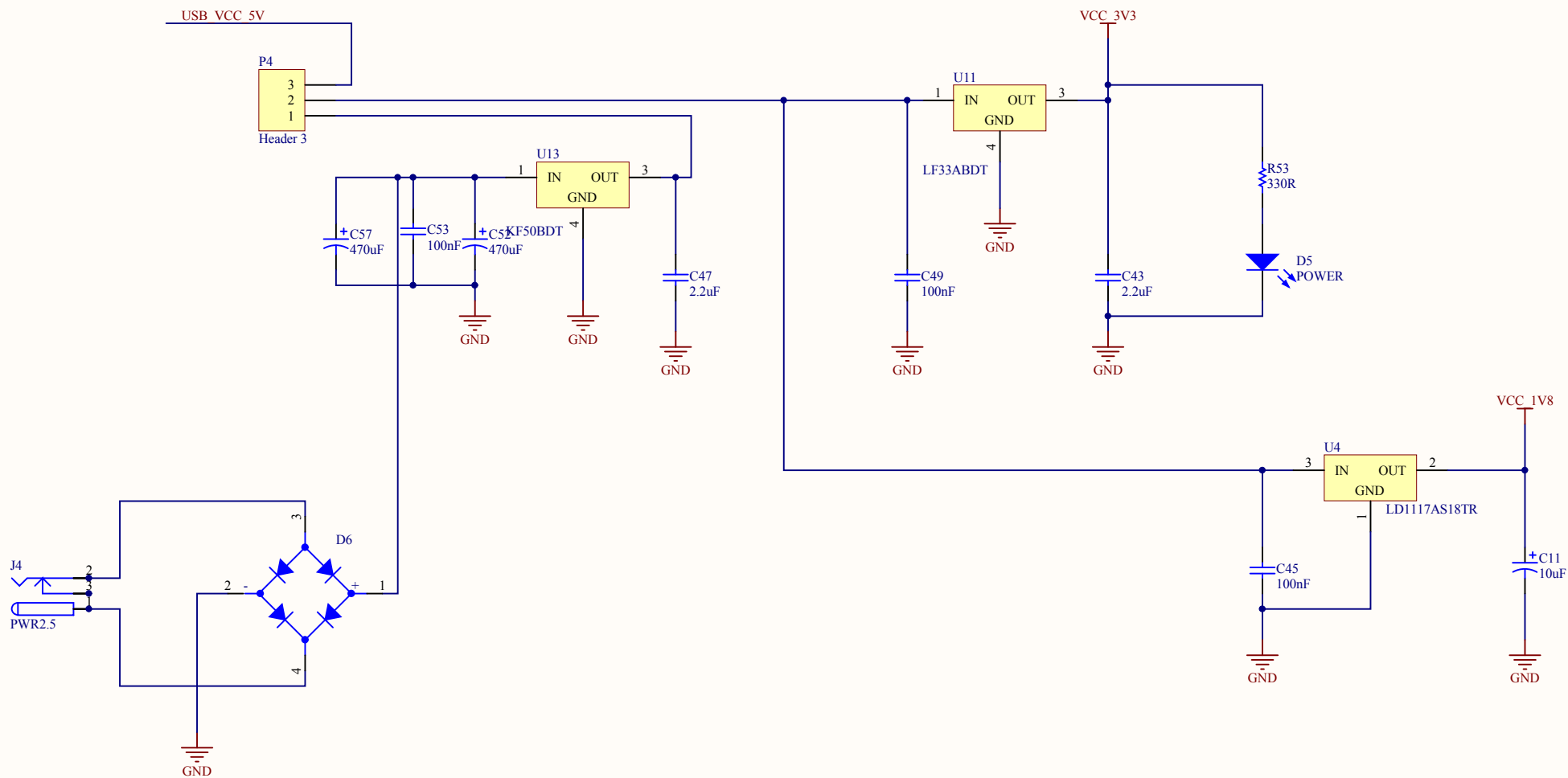
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Title		
Size	Number	Revision
A3		
Date:	28-06-2010	Sheet of
File:	Z:\home\Develop\Plakinha5\memory.Sch	Drawn By:



Title		
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A

B

C

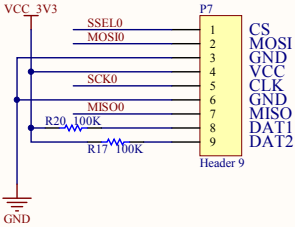
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A

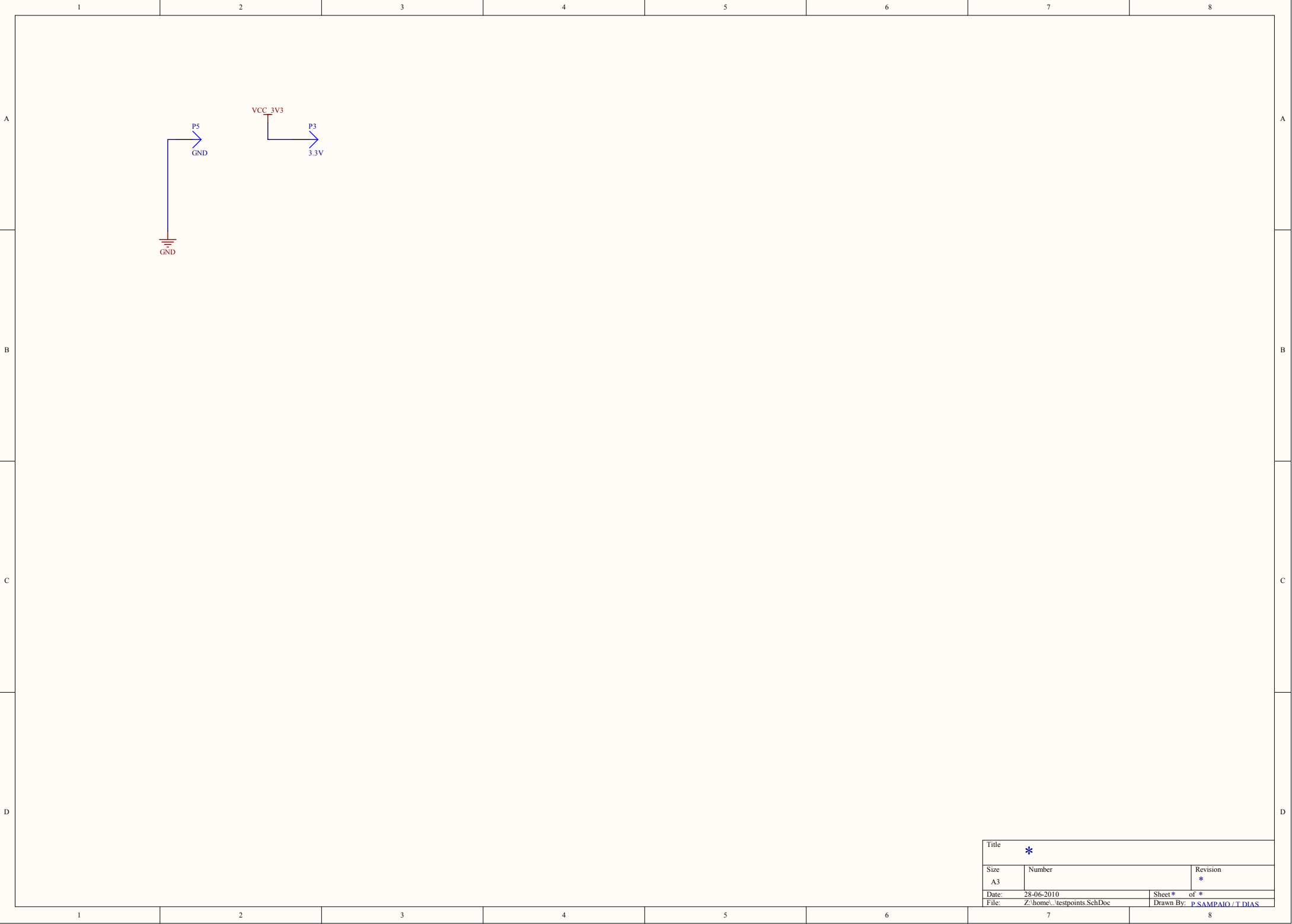
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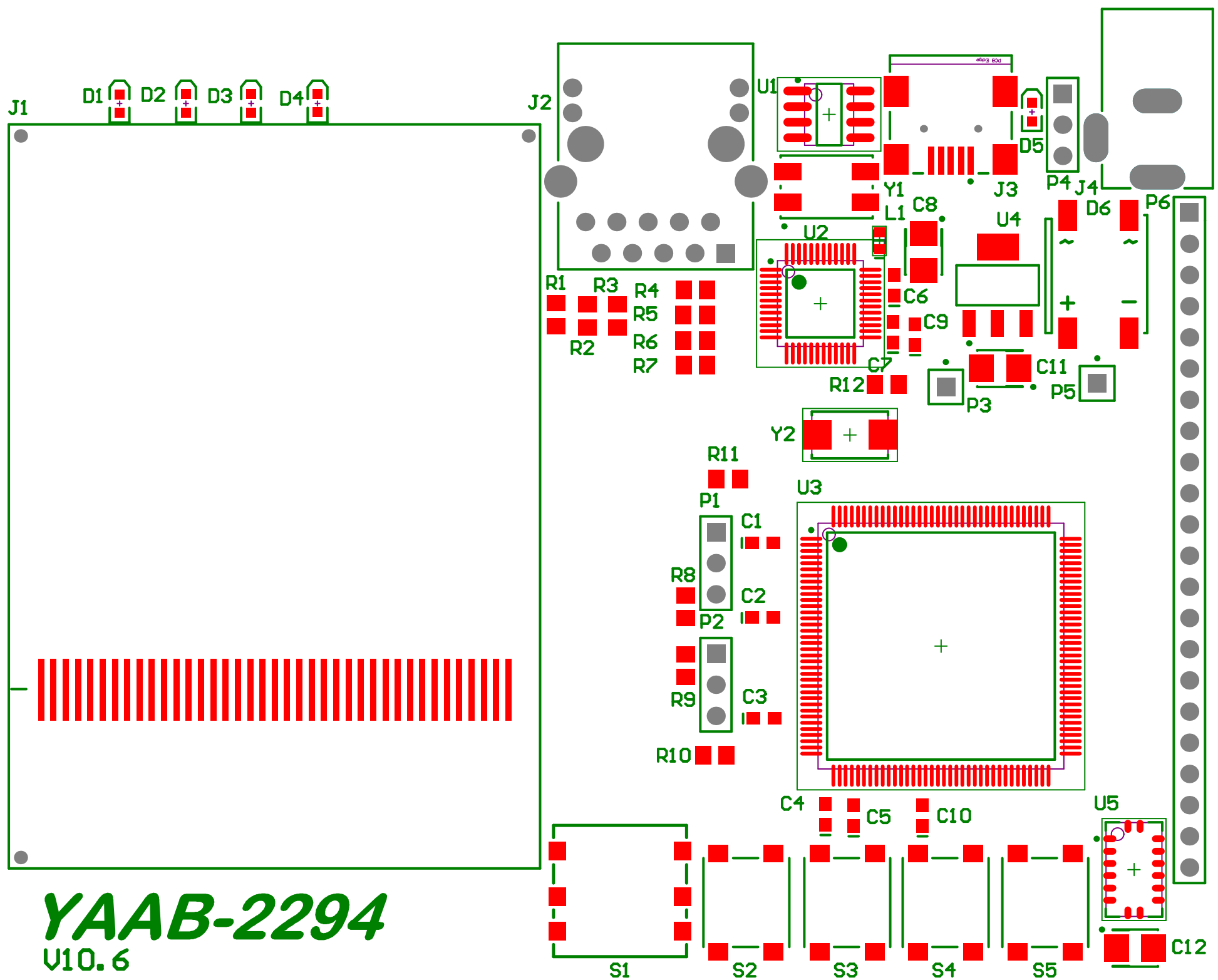
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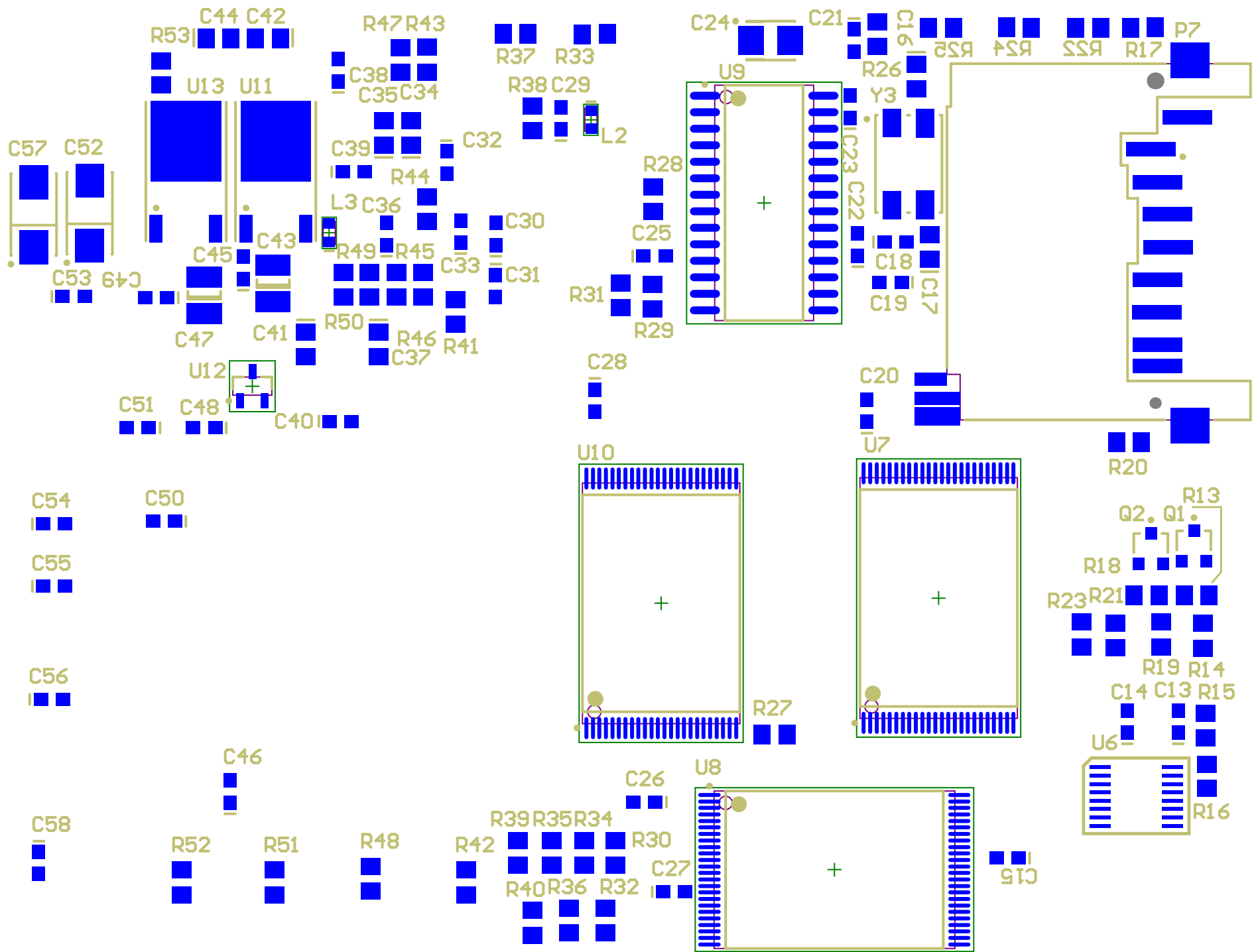
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YAAB-2294
V10.6



Comment	Description	Designator	Footprint	LibRef	Quantity	Value
		C1, C2, C3, C4, C5, C6, C7, C10, C13, C14, C15, C16, C19, C20, C21, C22, C23, C25, C26, C27, C28, C29, C31, C33, C36, C38, C40, C45, C46, C48, C49, C50, C51, C53, C54, C55, C56, C58				
C0603	Ceramic Chip Capacitor - Standard		0603	C0603	38	100nF
T4918	Solid Tantalum Chip Capacitor, Standard T491 Series - Industrial Grade	C8, C11, C12, C24	B	T4918	4	10uF
1327671	Ceramic Chip Capacitor - Standard	C9, C32	0603	C0603	2	10nF
C0805	Ceramic Chip Capacitor - Standard	C16, C17	0805	C0805	2	30pF
8212868	Ceramic Chip Capacitor - Standard	C30, C39	0603	C0603	2	33nF
C0805	Ceramic Chip Capacitor - Standard	C34, C35, C37, C41	0805	C0805	4	22pF
940263	Ceramic Chip Capacitor - Standard	C42, C44	0805	C0805	2	47pF
9402101	Ceramic Chip Capacitor - Standard	C43, C47	1210	C0603	2	2.2uF
T491C	Solid Tantalum Chip Capacitor, Standard T491 Series - Industrial Grade	C52, C57	C	T491C	2	470uF
HSMD-C190	Surface Mount Chip LED, Orange	D1, D2, D3, D4	1.600.800.8	HSMD-C190	4	
POWER	Low Profile Chip LED, Red	D5	1.600.800.4	HMT-C197	1	
Bridge Rectifier		D6	DL-4	Bridge Rectifier	1	
Header 49	Type: 1x, Pitch: 2.54 mm	Z1	HE42.54.2402009 CTX#-1	Header 49	1	
RL45	Right Angle, Ultra Low Profile PCB Jack, with no Panel Grounding Tabs, Shielded Version	Z2		RL45	1	
UX60RA-MB-SST	USB 2.0, Right Angle, SMT, B Type, Non-shield, 5 Position, Black	Z3	440247	440247.1	1	
PWR2.5	Low Voltage Power Supply Connector	J4	XLD-Q202	PWR2.5	1	
1306766	Inductor	L1, L2, L3	NDC1608L	Inductor	3	10mH
BBEL1	Header, 3-Pin	P1	HDR1X3	Header 3	1	
BBEL0	Header, 3-Pin	P2	HDR1X3	Header 3	1	
2.3V	Plug	P3	PN1	Plug	1	
Header 3	Header, 3-Pin	P4	HDR1X3	Header 3	1	
GND	Plug	P5	PN1	Plug	1	
Header 22	Header, 22-Pin	P6	HDR1X22	Header 22	1	
Header 9	Header, 9-Pin	P7	MC/SM2.5-4H9	Header 9	1	
BC846BL11G	SC723 NPN Silicon Planar General Purpose Transistor	Q1	SC723	BC847B	1	
	30V P-Channel Enhancement Mode MOSFET	Q2	SC723	ZXM01P03F	1	
BSS84-7-F	Semiconductor Resistor	R1, R2, R3, R38	6.0805	Res Smt	4	49R9
Res Smt	Semiconductor Resistor	R4, R7	6.0805	Res Smt	2	27R
Res Smt	Semiconductor Resistor	R5, R32	6.0805	Res Smt	2	47K
Res Smt	Semiconductor Resistor	R6	6.0805	Res Smt	1	1K5
Res Smt	Semiconductor Resistor	R8, R10, R12, R31, R41, R40, R46, R47, R49, R50	6.0805	Res Smt	10	10K
Res Smt	Semiconductor Resistor	R5, R11, R17, R20, R28	6.0805	Res Smt	5	100K
Res Smt	Semiconductor Resistor	R13, R30	6.0805	Res Smt	2	33K
Res Smt	Semiconductor Resistor	R14, R15, R16, R21, R27	6.0805	Res Smt	5	1K
Res Smt	Semiconductor Resistor	R18, R40	6.0805	Res Smt	2	20K
Res Smt	Semiconductor Resistor	R19, R23	6.0805	Res Smt	2	4K7
Res Smt	Semiconductor Resistor	R22, R24, R26, R29, R34, R35	6.0805	Res Smt	6	330R
Res Smt	Semiconductor Resistor	R29	6.0805	Res Smt	1	12K
Res Smt	Semiconductor Resistor	R33, R37	6.0805	Res Smt	2	180R
Res Smt	Semiconductor Resistor	R35, R39	6.0805	Res Smt	2	3K
Res Smt	Semiconductor Resistor	R36	6.0805	Res Smt	1	9K1
Res Smt	Semiconductor Resistor	R42, R48, R51, R52	6.0805	Res Smt	4	22K
Res Smt	Semiconductor Resistor	R43	6.0805	Res Smt	1	2K2
Res Smt	Semiconductor Resistor	R44	6.0805	Res Smt	1	470R
SW-SW4Y	6 Way Switch	S1	Nav-SW	SW-SW4Y	1	
Switch-SMD	6-Pin Switch	S2, S3, S4, S5	83FS	83FS	4	
	PRO (6P X16) SMD Microcontroller, EEPROM	U1	SDP6_M	M93C86AN1	1	
FT232RL	UART1 FTD Chip, LQFP-48	U2	LQFP-48_N	FT232RL	1	
	ARM9 TC-568E Microcontroller, 256KB Flash, 16KB RAM, 4 Channel CAN, 144 Lead LQFP	U3	SOT486-1_N	LPC2294HED144	1	
LD1117AS18TR	2.4VREG082 Voltage Regulator	U4	SC723	L7950ACV	1	
LIS3LV02DL	3-Axis Digital Output Low Voltage Linear Accelerometer	U5	DFN16	LIS3LV02DL	1	
tic2007pw	Very Low Power CMOS SRAM 1M x 16 bit	U6	FW16	tic2007pw	1	
BS616LV1611	Very Low Power CMOS SRAM 1M x 16 bit	U7, U10	T5S0P0P2000-48AN	CY62177V3DLL	2	
AT48BV642D	Very Low Power CMOS SRAM 1M x 16 bit	U8	T5S0P0P2000-48AN	AT48BV642D	1	
ENC28J60/SD	88C28J60 Ethernet Controller with SPI Interface, 23-Pin SOIC	U9	SOIC-SO28_N	ENC28J60/SD	1	
LF33ABDT	200uV, Very Low Drop (0.45V) Voltage Regulator	U11	TO-252	LF33ABDT	1	
MCP130T	PV ESD/PROTECT with Push-Pull Output	U12	SOT99240-3N	DS1810-10	1	
KF5080T	200uV, Very Low Drop (0.4V) Voltage Regulator	U13	TO-252	KF5080T	1	
98MM16.000MFC B2-T	Surface Mount Quartz Crystal	Y1	12SM08	12SM08	1	
54.74884Hz	Surface Mount Quartz Crystal	Y2	CS10	HC48/4H-SMX	1	
F74405C3629M0	Surface Mount Quartz Crystal	Y3	12SM08	12SM08	1	