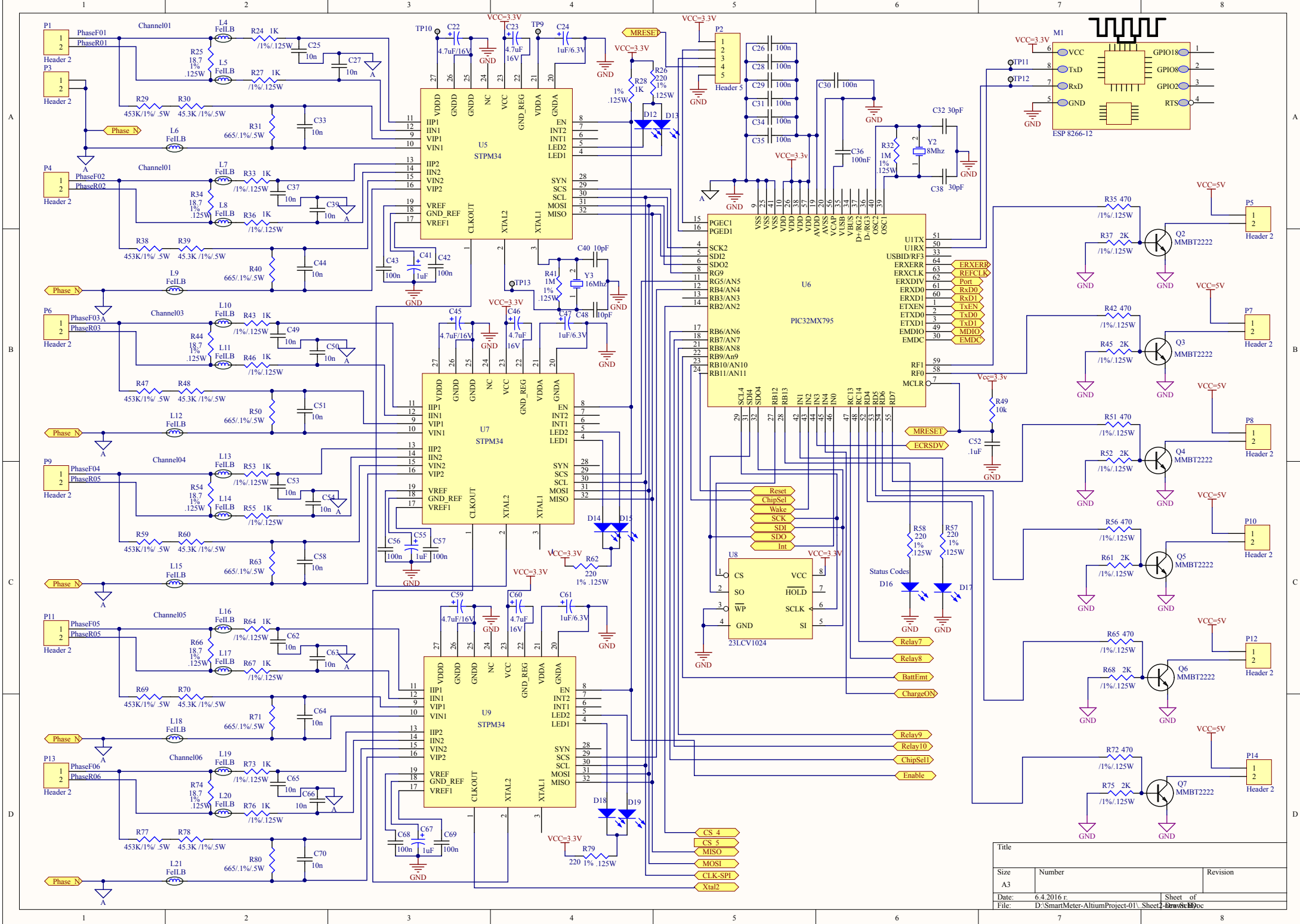
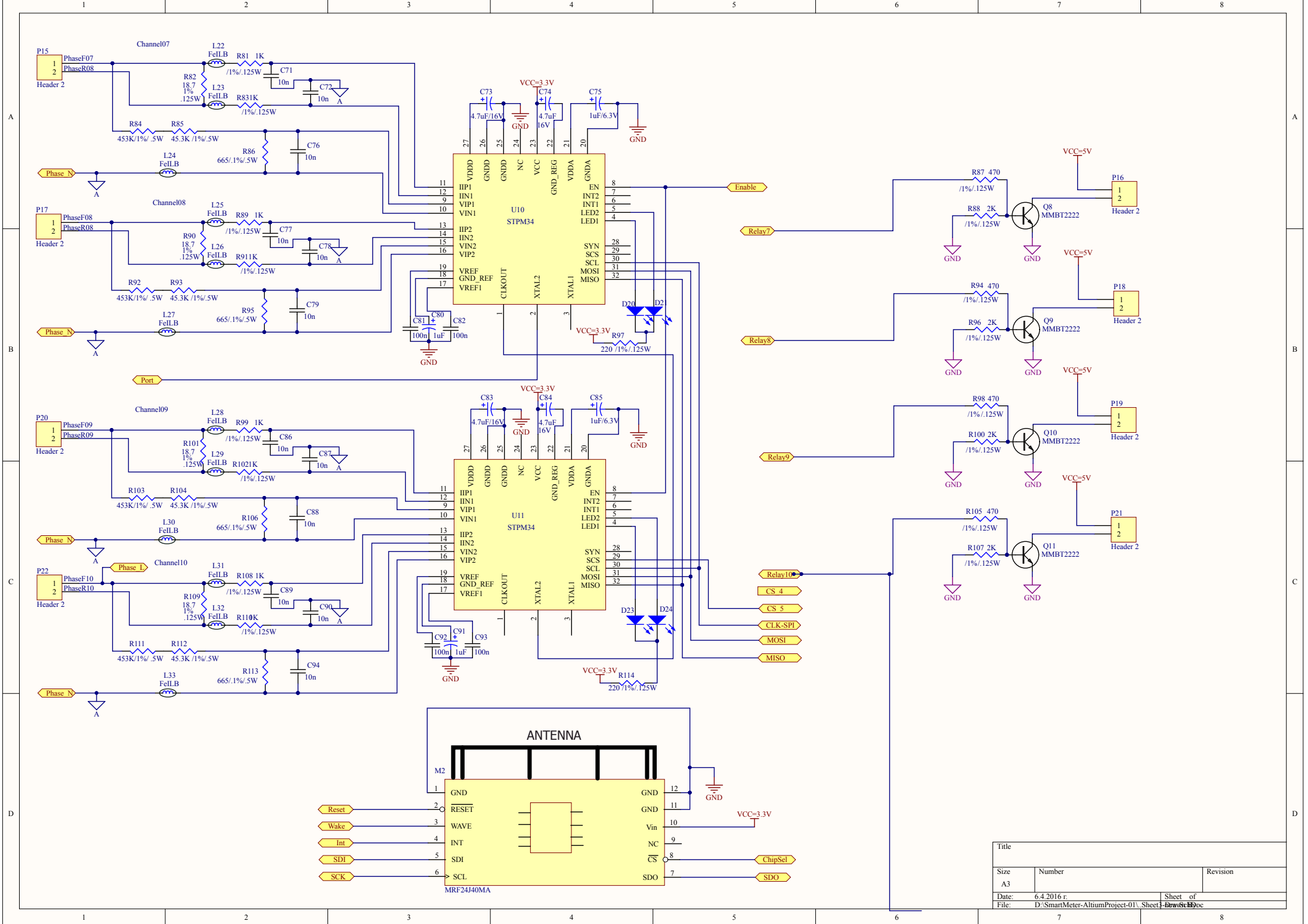
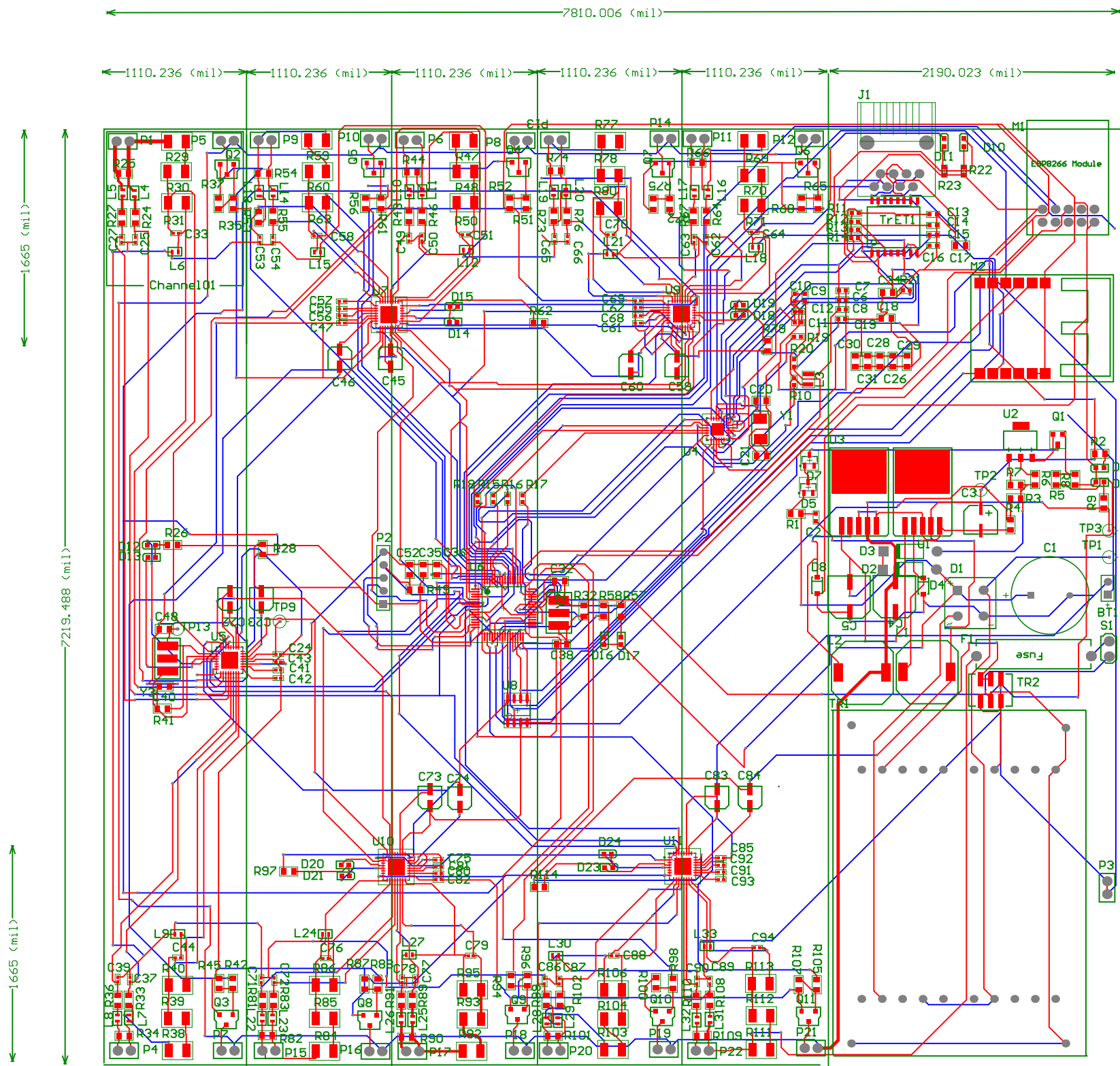


Title		
Size	Number	Revision
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File:	D:\SmartMeter-AltiumProject-01\Sheet1-DrawnDoc	







Comment	Designator	Footprint	Price	Quantity
AGND	1	HC45/4H_SMX		1
9.0V/300mAh	B11	8AT-2	1	1
2200uF/25v	C1	2200uF-Nichicon	0.385	1
10n/16V	C2	0603C-GENERIC	.049	1
300uF/6.3V	C3	300uF-6.3V Vishay	1.5	1
1000uF	C4	1000uF/16V	1.5	1
100uF/16V	C5	100uF/16V	1.5	1
100nF	C6, C7, C9, C11, C12	0603C-GENERIC	0.1	5
10uF/6.3V	C8	0603C-GENERIC	.036	1
10uF/6.3V	C10	C0805	.036	1
18pF/6.3V	C13, C14, C15, C16	0603C-GENERIC	.03	4
220nF/16V	C17, C18	0805C-TBD	.0096	2
100nF/6.3V	C19	0603C-GENERIC	0.1	1
18pF/6.3V	C20, C21	0805C-TBD	.03	2
4.7uF/16V	C22, C45, C59, C73, C83	4.7uF-Nichicon	.065	5
4.7uF	C23, C46, C60, C74, C84	4.7uF-Nichicon	.065	5
1uF/6.3V	C24, C47, C61, C75	C0805	.05	4
	C25, C33, C37, C44, C49, C51, C53, C58, C62, C64, C65, C70, C71, C76, C77, C79, C86, C88, C89, C94			
10n		0402C-GENERIC	.002	20
100n	C26, C28, C29, C30, C31, C34, C35, C42	0805C-TBD		8
10n	C27, C39, C50, C54, C63, C66, C72, C78, C87, C90	0402R-GENERIC	.002	10
30pF	C32, C38	0805C-TBD		2
100nF	C36	0805C-TBD		1
10pF	C40, C48	0805C-TBD	.00987	2
1uF	C41	C0805	.05	1
100n	C43, C56, C57, C68, C69, C81, C82, C92, C93	0402C-GENERIC		9
1uF	C52	0805C-TBD	.00206	1
1uF	C55, C67, C80, C91	0402C-GENERIC	.05	4
1uF/6.3V	C85	0402C-GENERIC	.05	1
DF005S2	D1	D-38	0.24	1
1N5400/3A	D2, D3	DO-41	142	2
1N5819	D4, D8	SOD123-diodes	.08	2
BA5116	D5, D7	SOT-23_N	.06	2
LED2	D6, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D23, D24	LED-SM	.04	16
4A/250 AC	F1	Fuseholder - duplicate	.25	1
RA45-GENERIC	J1	RA45-8/B		1
330uH	L1	Coil300uF-MSS1038	.82	1
100uH	L2	Coil300uF-MSS1038	.82	1
FB1	L3	TOKO-DFE252012C1U	288	1
FeILB	L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33	FerriteBead-0603	.027	30
ESP B266-12	M1	ESP_1		1
MRF24J40MA	M2	MRF24J40MA-bigBEE module	6.08	1
Header 2	P1, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, P14, P15, P16, P17, P18, P19, P20, P21, P22	BG090-header		21
Header 5	P2	HDR1X5		1
MMBT2222	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q10, Q11	SOT23-BCE	.03	10
MMBT2222	Q9	MMBT2222	.03	1
1K/1%/125W	R1	0805R-10		1
45	R2, R9	0805R-68		2
100K	R3, R4	0805R-0R1	.0035	2
2K/1%/125	R5	0805R-10	.0035	1
10	R6	0805R-12	.0035	1
10K	R7	J1-0603	.0035	1
2K	R8	0805R-12	.0035	1
1.5K	R10	0603R-0R	.00266	1
49.9	R11, R12, R13, R14	0603R-0R	.0026	4
100	R15, R16, R17, R18	0603R-0R	.1	4
33	R19	0603R-0R	.1	1
4.7k	R20	0603R-0R	.1	1
12.1k	R21	0603R-0R	.1	1
200/1%/125W	R22, R23	J1-0603	.00266	2
1K	R24, R27, R28, R33, R36, R43, R46, R53, R55, R64, R67, R73, R76, R81, R83, R89, R91, R95, R102, R108, R110	0805C-GENERIC	.00266	21
18.7	R25, R34, R44, R54, R66, R74, R82, R90, R101, R109	0805R-10	.05	10
230	R26, R97, R114	0805C-GENERIC	.0027	3
453K/1%/5W	R29, R38, R47, R59, R69, R77, R84, R92, R103, R111	1210R-GENERIC	.055	10
45.3K/1%/5W	R30, R39, R48, R60, R70, R78, R85, R93, R104, R112	1210C-GENERIC	.035	10
665/1%/5W	R31, R40, R50, R63, R71, R80, R86, R95, R106, R113	1210C-GENERIC	.02	10
1M	R32	0805R-12	.0027	1
470	R35, R42, R51, R56, R65, R72, R87, R94, R98, R105	0805R-39	.003	10
2K	R37, R45, R52, R61, R68, R75, R88, R96, R100, R107	0805R-180	.033	10
1M	R41	0805FB-GENERIC	.0027	1
10k	R49	0805R-27		1
230	R57	0805R-120	.0027	1
230	R58	0805R-12	.0027	1
230	R62, R79	0805R-10	.0027	2
Power On	S1	PowerSwitch220V/5A		1
TESTPOINT	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13	TESTPOINT		13
PU39238-Tv220-12-2.5A	TR1	Transform220/110-12/3		1
Tr-Switch	TR2	6-pins Molex2x3-54hm		1
5558-5999-Eth.TR	TrET1	5558-5999-Ethtransf		1
LM2575	U1	TO_263/KTT	.96	1
LT3092	U2	LT3092	2.36	1
LM2576HV	U3	TO-263/KTT	.96	1
LAN8720	U4	QFN24_4X4_N	.76	1
STPM34	U5, U7, U9, U10, U11	32M1-A_M	1.16	5
PIC32MX795	U6	TQFP-P164_N	5.16	1
23LCV1024	U8	SO8_L		1
25 MHz	Y1	XTAL-RU49/4	4.288	1
8MHz	Y2	R38	.137	1
16MHz	Y3	R38	2.88	1