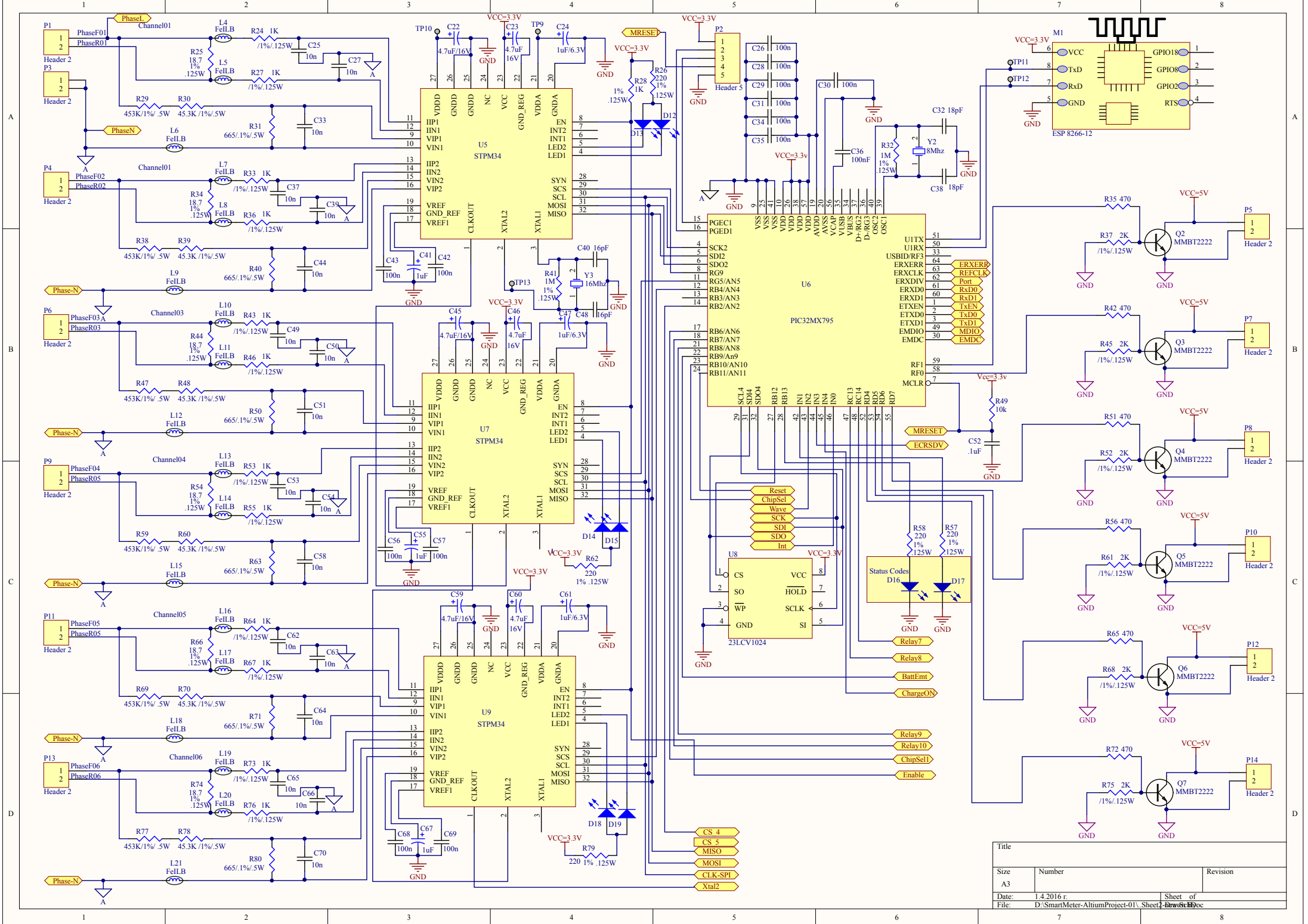
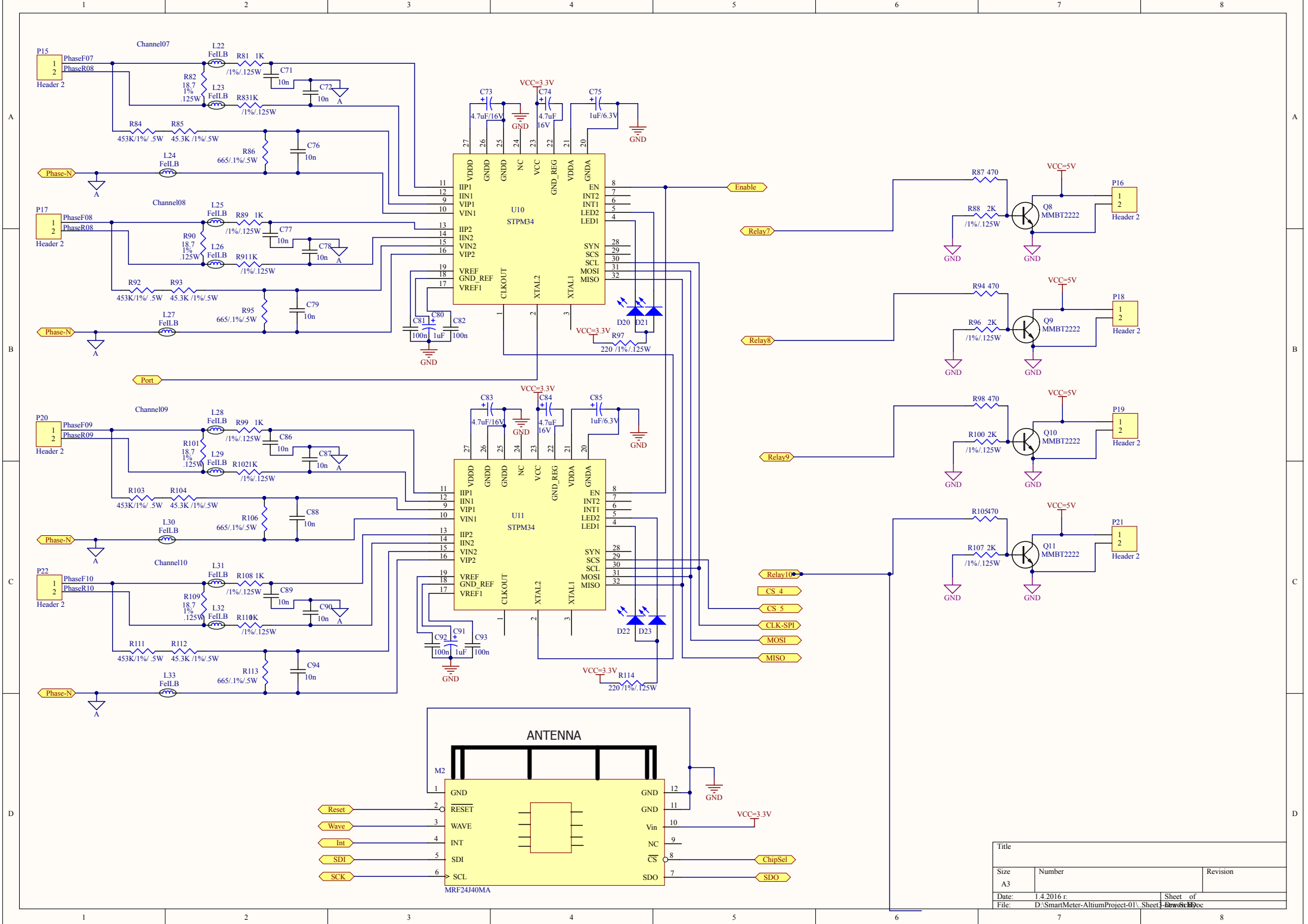


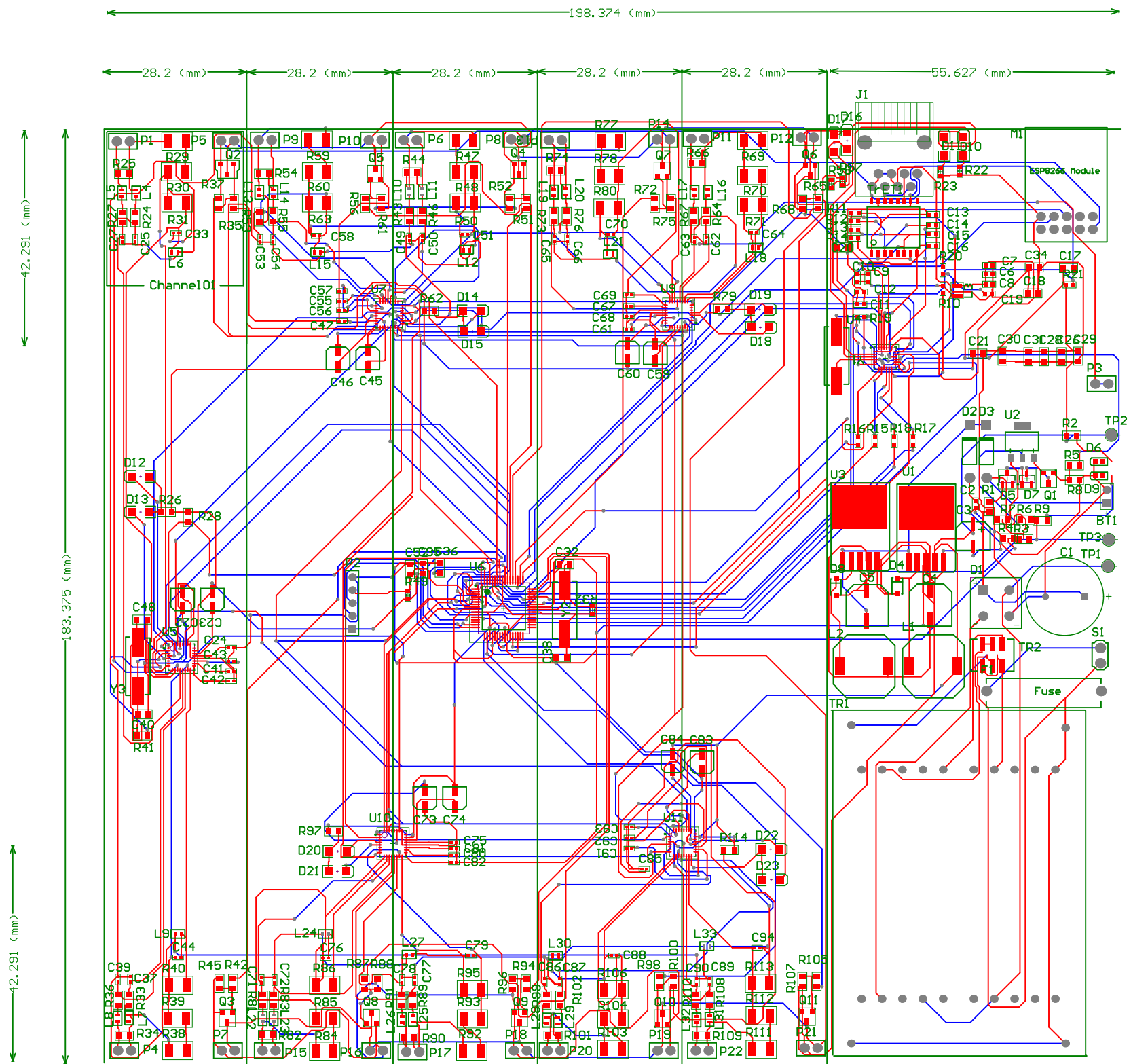
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Size	Number	Revision
A3		
Date:	1.4.2016 r.	Sheet of
File:	D:\SmartMeter-AltiumProject-01\Sheet1-DrawnDoc	DrawnDoc



Title		
Size	Number	Revision
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Title		
Size	Number	Revision
A3		
Date:	1.4.2016 r.	Sheet of
File:	D:\SmartMeter-AltiumProject-01\Sheet1-DrawnDoc	8



Comment	Designator	Footprint	Price	Quantity
AGND	1	HC49/4H_SMX		1
9.0v/300mAh	BT1	BAT-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
10n	C25, C33, C37, C44, C49, C51, C53, C58, C62, C64, C65, C70, C71, C76, C77, C79, C86, C88, C89, C94	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
18pF	C32, C38	0805C-TBD		2
100nF	C36	0805C-TBD		1
16pF	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
DF00552	D1	D-38	0.24	1
1N5400/3A	D2, D3	DO-41	.142	2
1N5819	D4, D8	SOD123-diodes	.08	2
BA5T16	D5, D7	SOT-23_N	.06	2
LED2	D6, D9	LED-SM	.04	2
LED2	D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23	3.2X1.6X1.1	.04	14
4A/250 AC	F1	FuseHolder - duplicate	25	1
RJ45-GENERIC	J1	RJ45-8/B		1
330uH	L1	Coil300uF-MSS1038	.82	1
100uH	L2	Coil300uF-MSS1038	.82	1
F81	L3	TOKO-DFE252012C-1U	.288	1
FelL8	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		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, Q9, Q10, Q11	SOT23-BCE	.03	11
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, R49	J1-0603	.0035	2
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, R99, R102, R108, R110	0805C-GENERIC	.00266	21
18.7	R25, R34, R44, R54, R66, R74, R82, R90, R101, R109	0805R-10	.05	10
220	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	J1-0603	.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
220	R57, R58	J1-0603	.0027	2
220	R62, R79	0805R-10	.0027	2
WS-PBTL	S1	PowerSwitch220v/5A		1
TESTPOINT	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13	TESTPOINT		13
PJ39238-Ti220-12-2.5A	TR1	Transform20/110-12/3		1
Tr-Switch	TR2	6-pins Molex2x3-5Ahm		1
5558-5999-Eth.TR	TRT1	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-PT64_N	5.16	1
23LCV1024	U8			1
25 Mhz	V1	XTAL-RU49/4	.4288	1
8Mhz	V2	R38	.137	1
16Mhz	V3	R38	.288	1