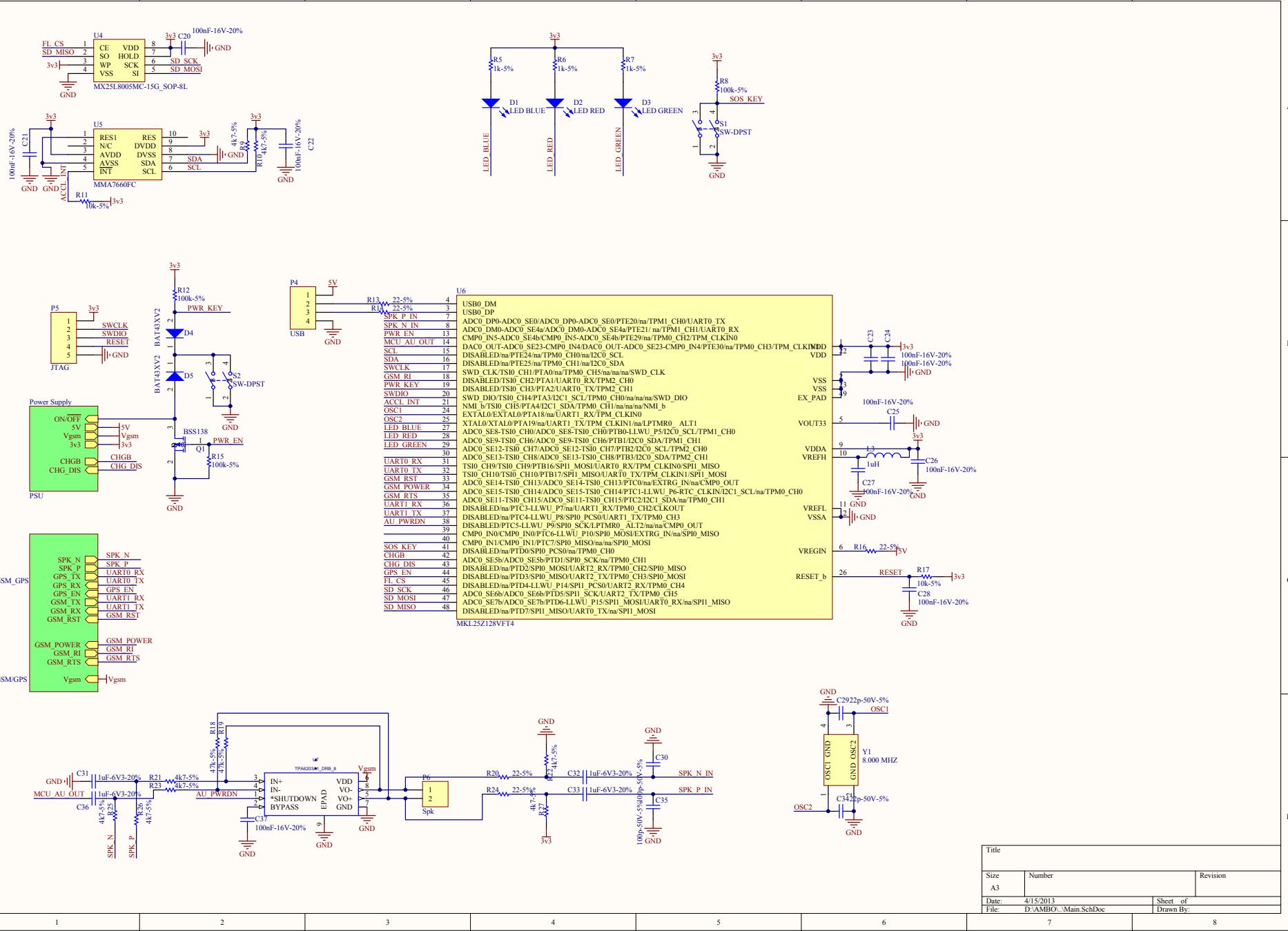
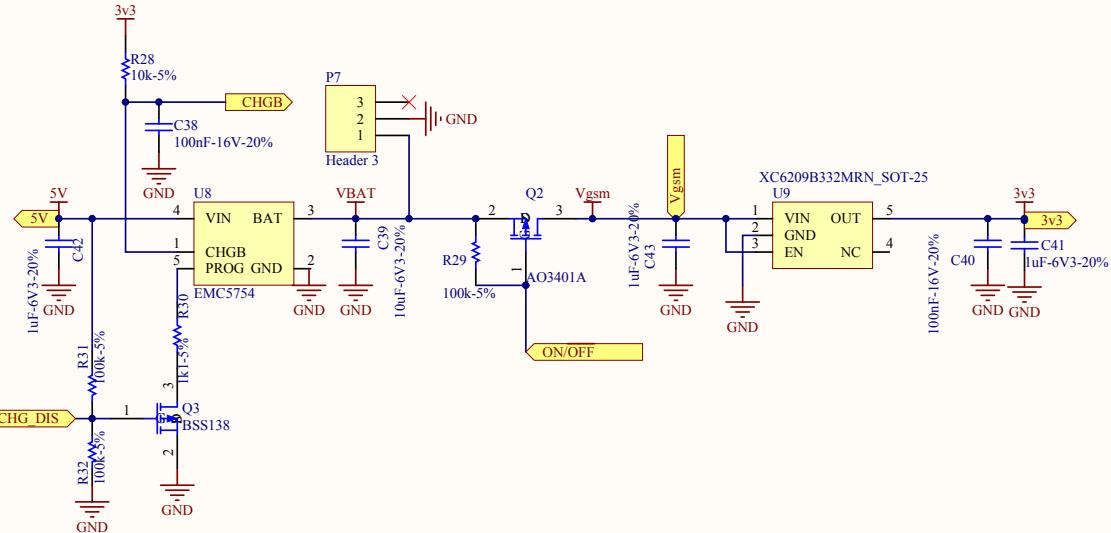
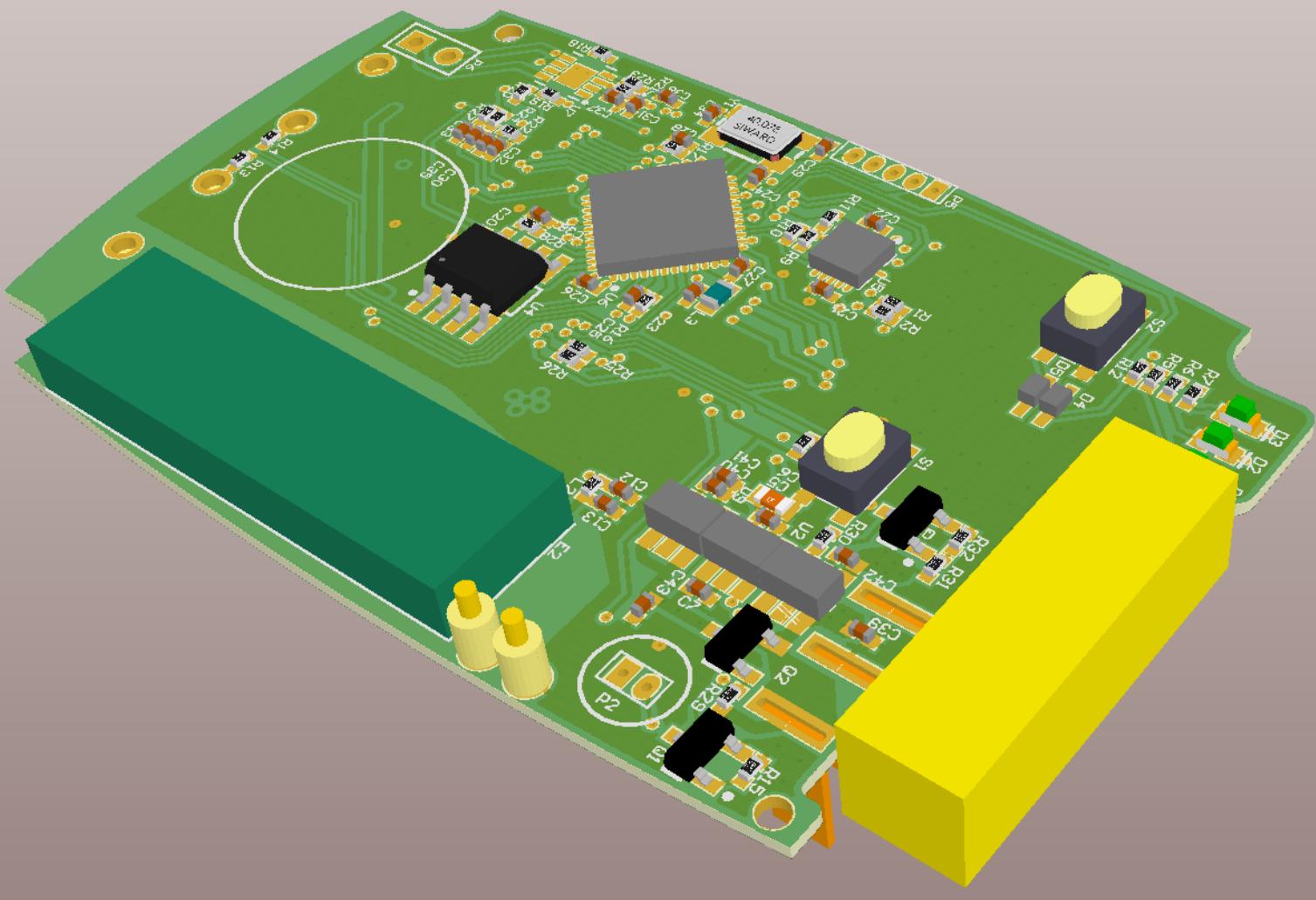


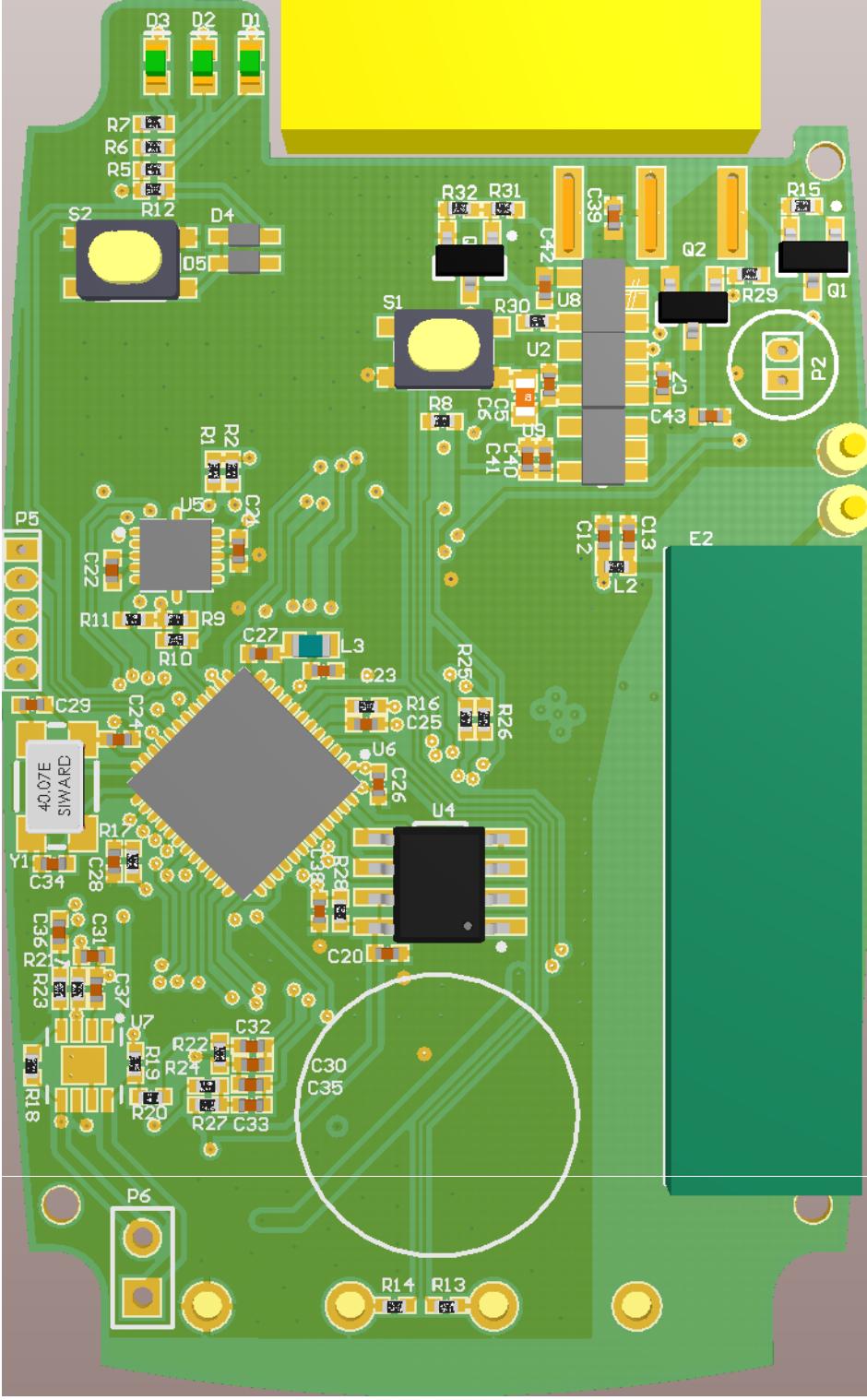
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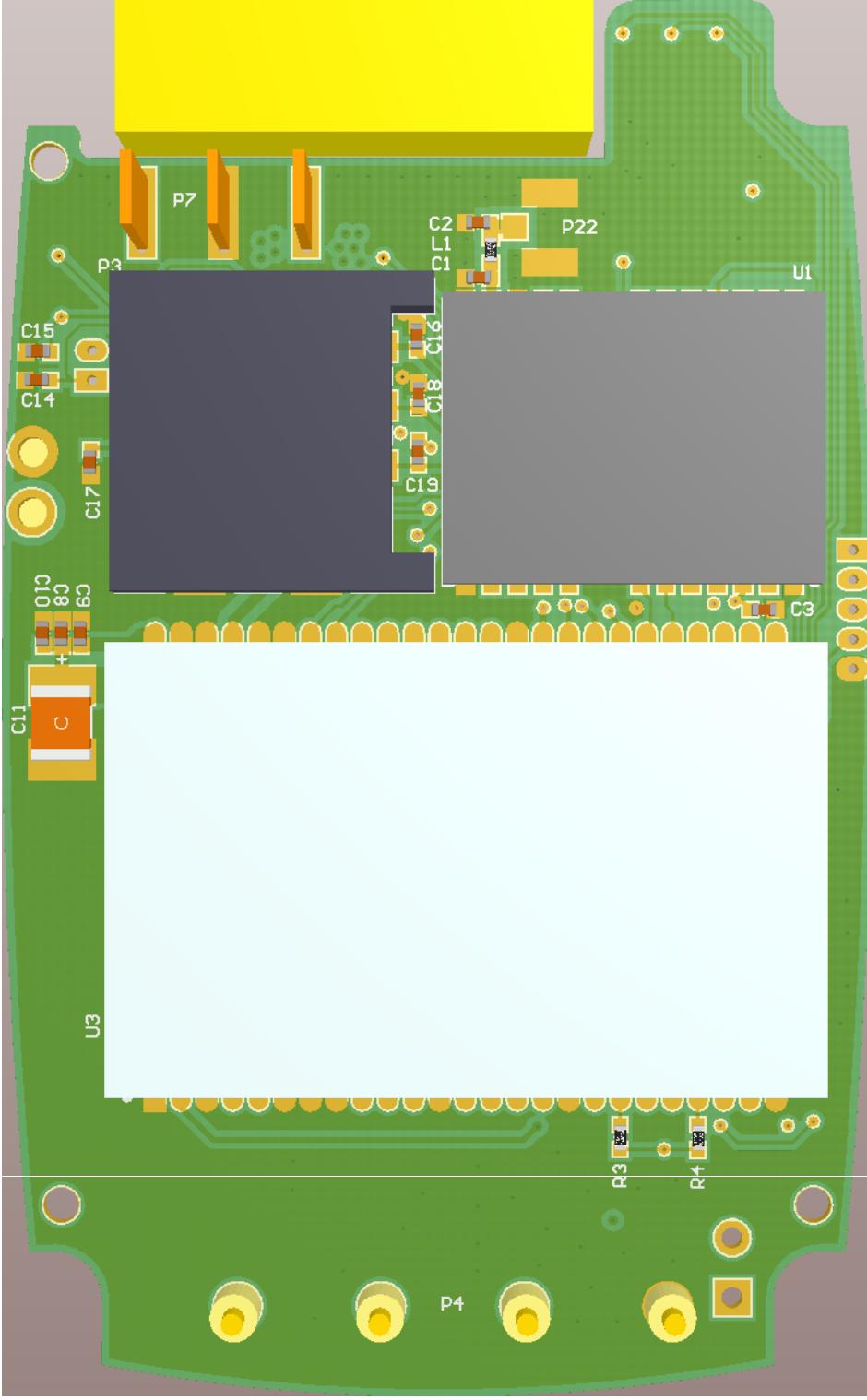


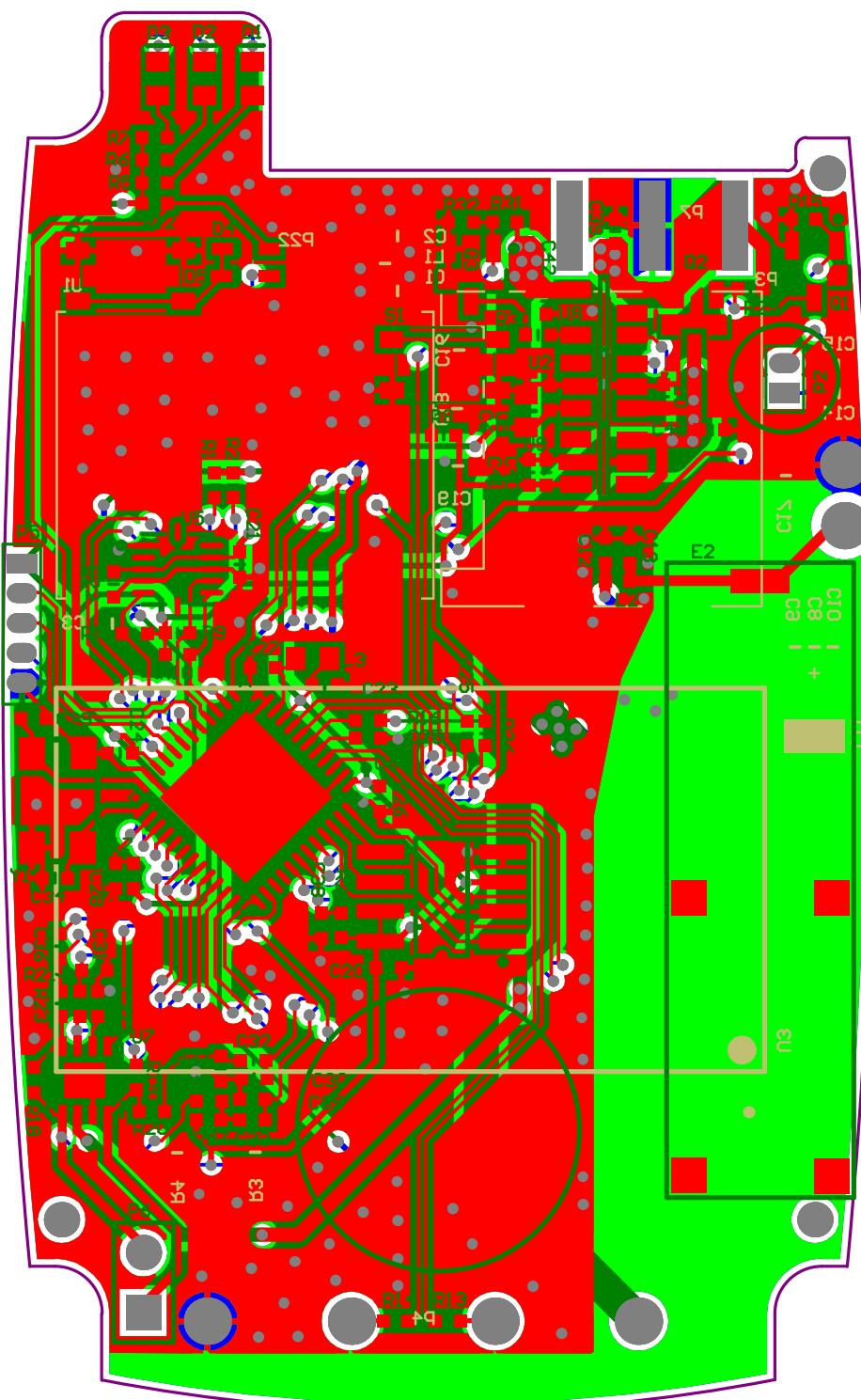


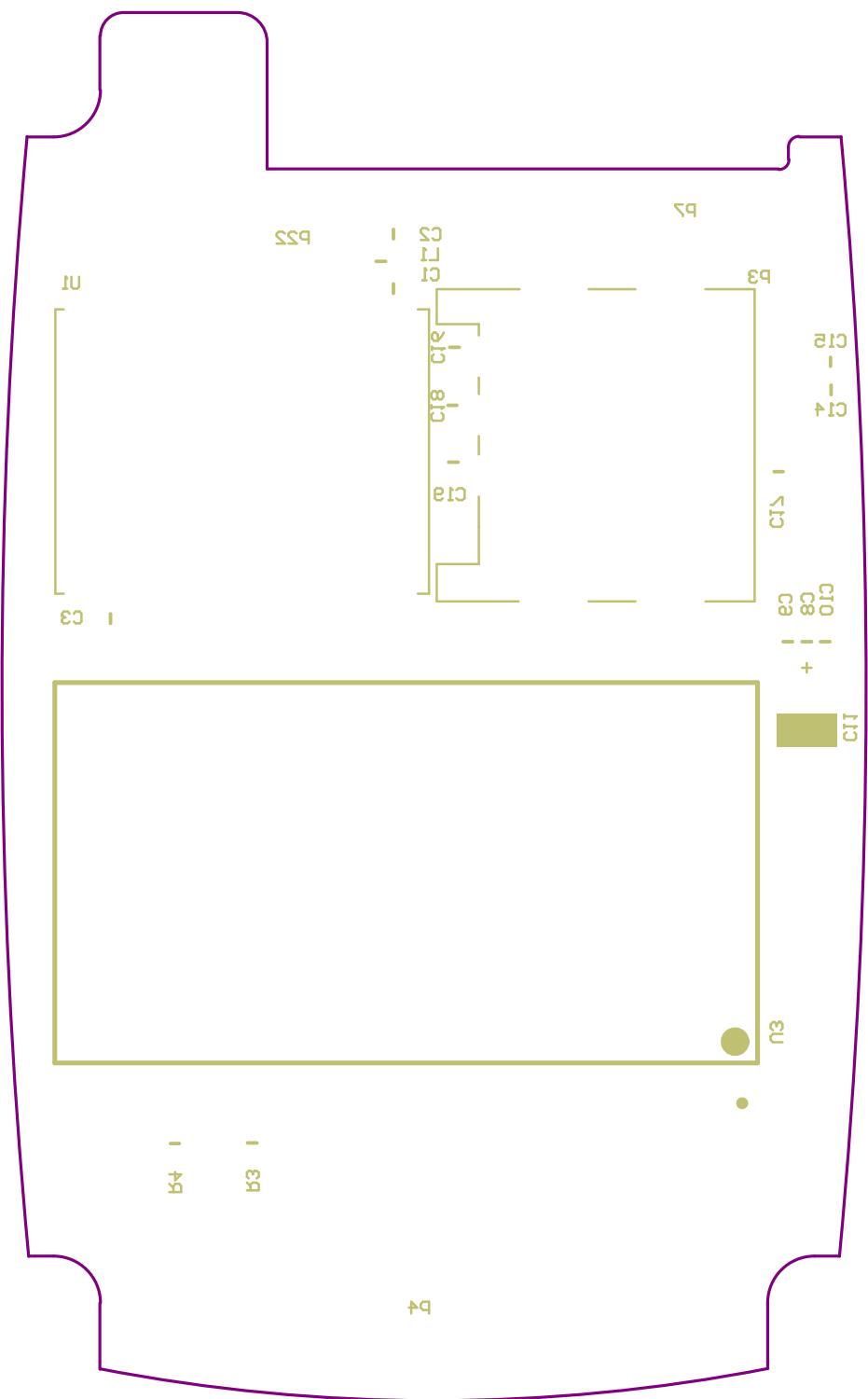
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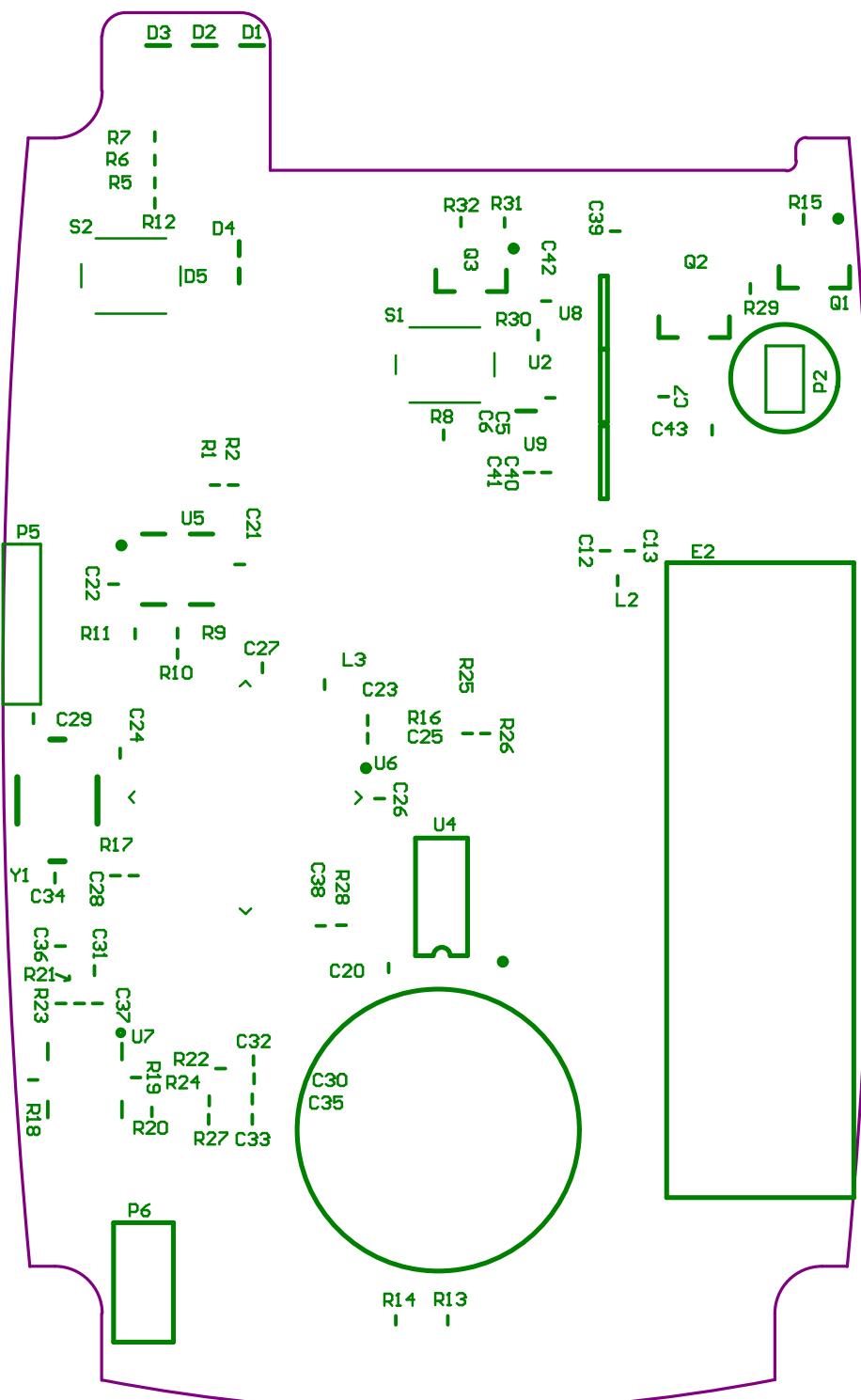


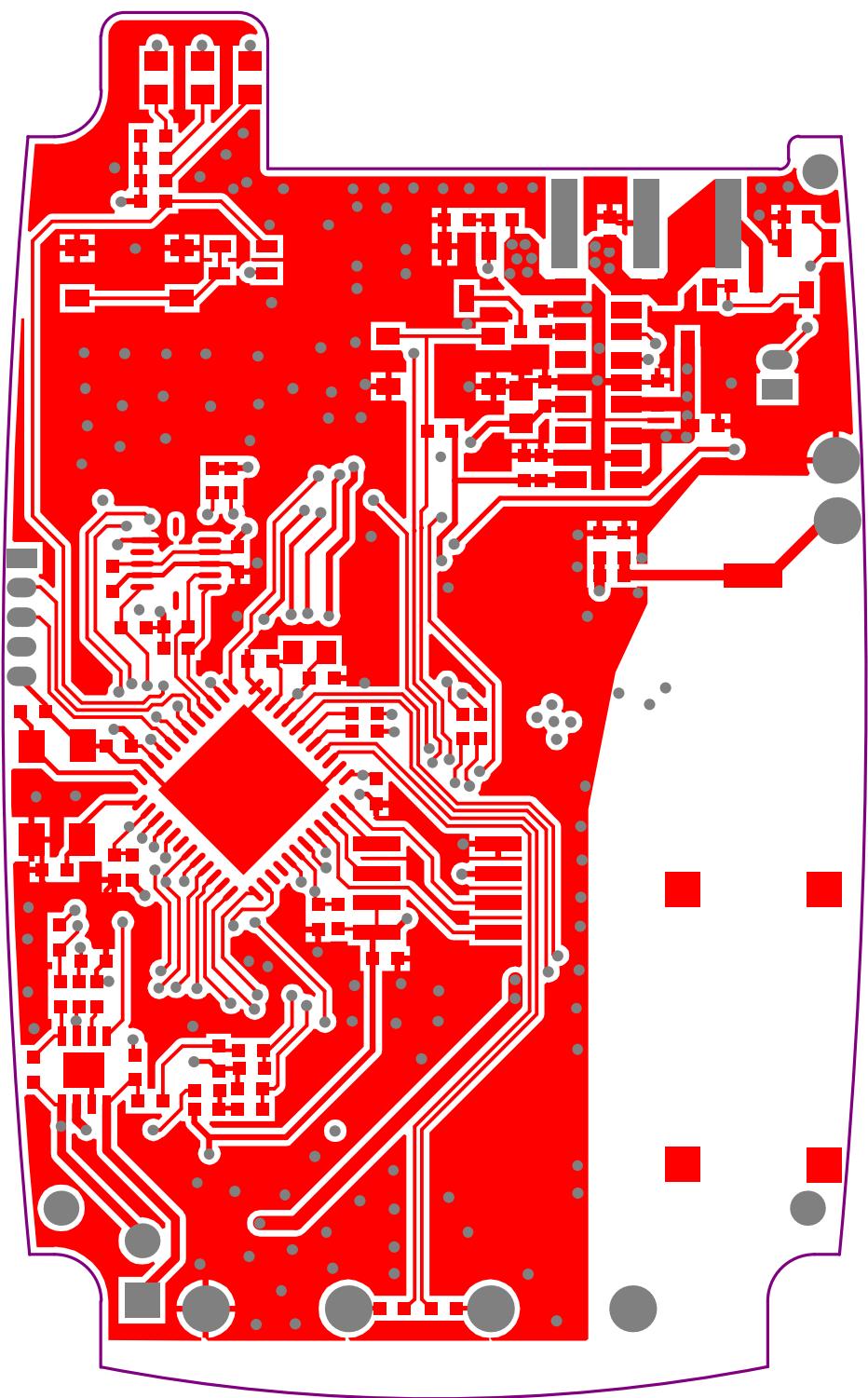


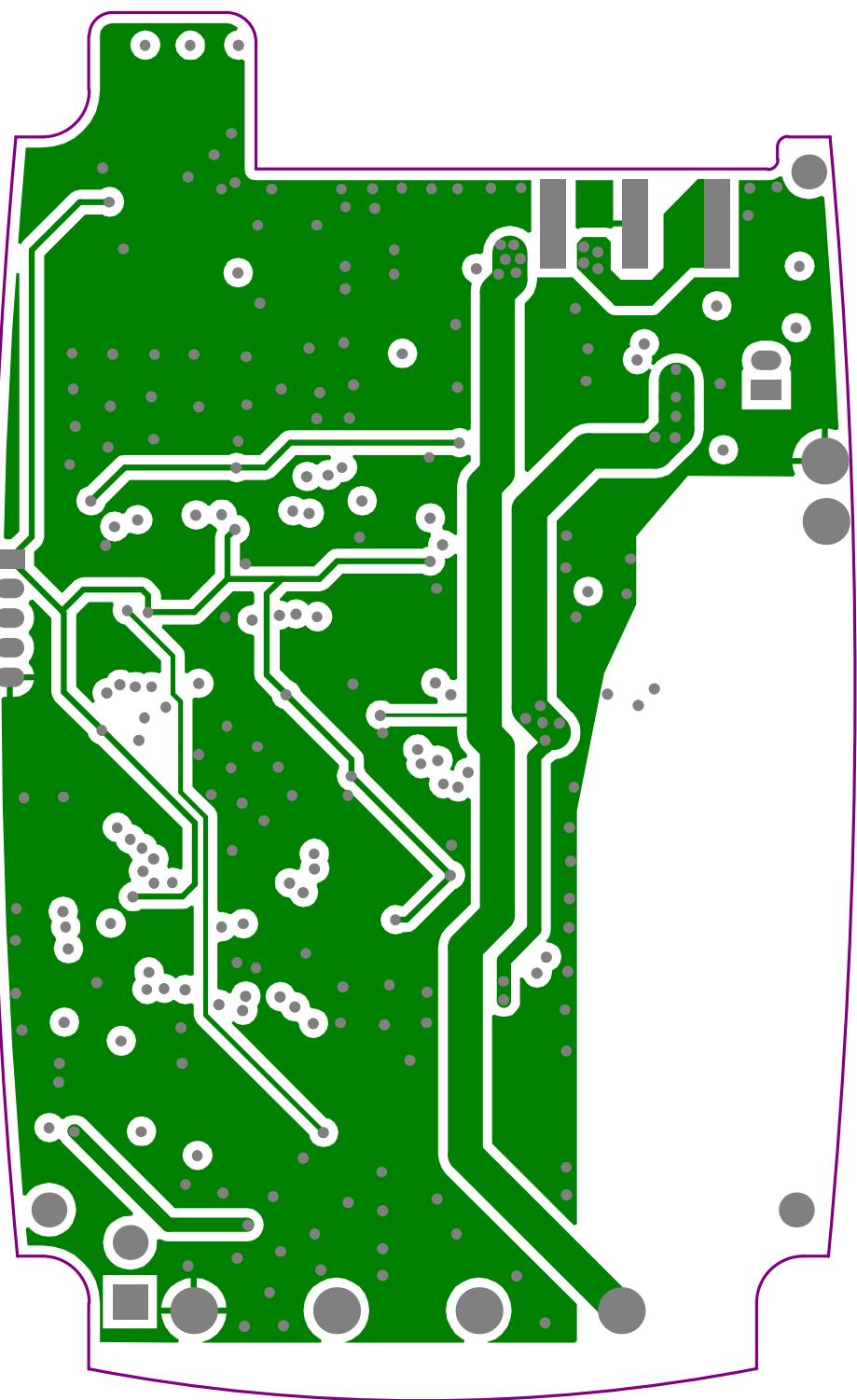


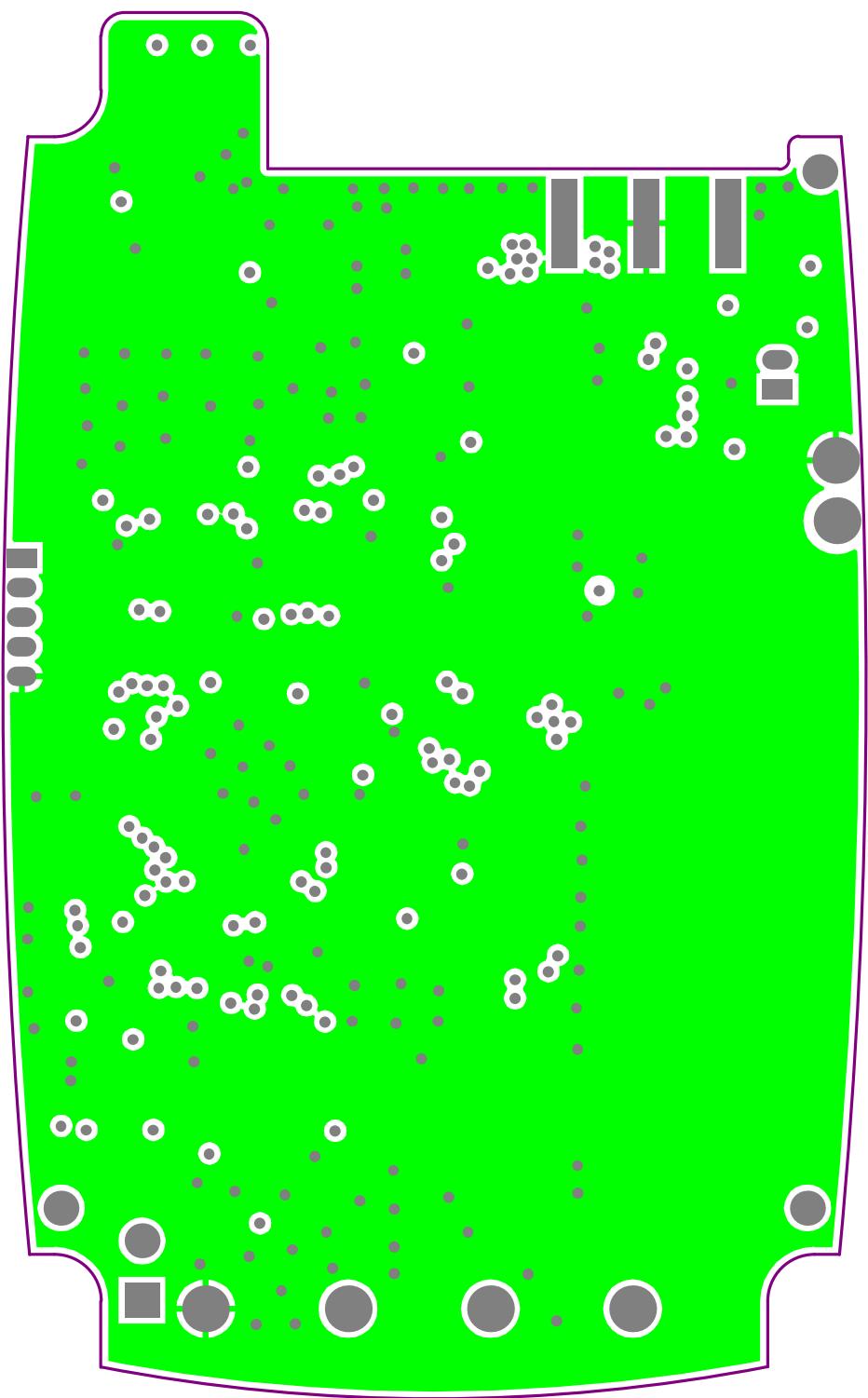


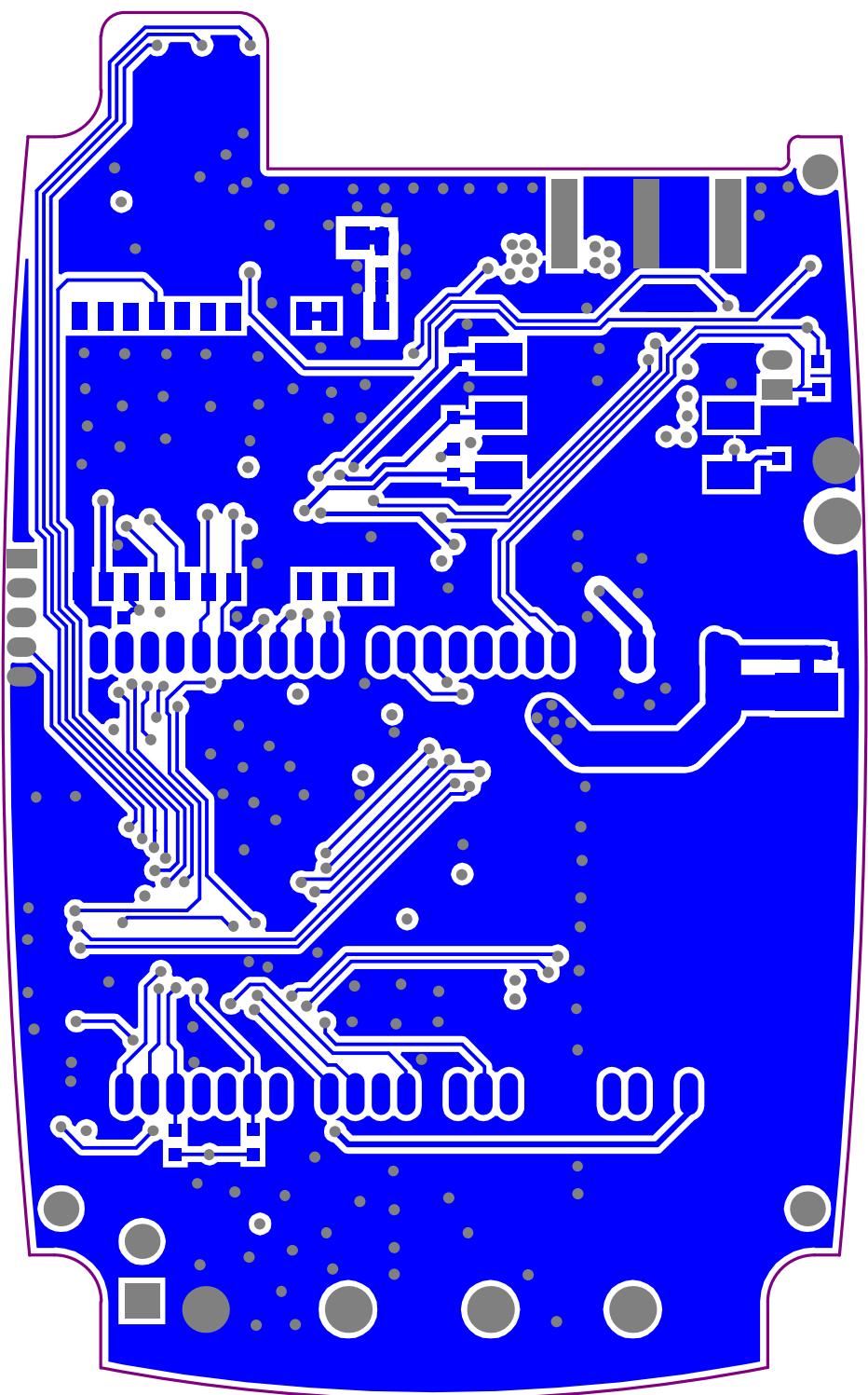












Comment	Designator	Description	Digit-Key Part Number	Footprint	Manufacturer	Manufacturer Part Number	Quantity	Unit Price	Remark
47p-50V-5%	C1, C2, C12, C13, C17, C18, C19	CAP CER 47PF 50V 5% NPO 0402	311-1021-1-ND	C0402	Yageo	CO0402JRNPO9BN470	7	0.00270	NA
100nF-16V-20%	C3, C5, C16, C20, C21, C22, C23, C24, C25, C26, C27, C28, C37, C38, C40	CAP CER 0.1UF 16V Y5V 0402	311-1047-1-ND	C0402	Yageo	CO0402ZRY5V7BB104	15	0.00250	
10uF-6V3-20%	C6	CAP CER 10UF 6.3V 20% X5R 0603	490-3896-1-ND	C0603	Murata Electronics North America	GRM188R60J106ME47D	1	0.07873	
1uF-6V3-20%	C7, C10, C31, C32, C33, C36, C41, C42, C43	CAP CER 1UF 6.3V Y5V 0402	311-1377-2-ND	C0402	Yageo	CO0402ZRY5V5BB105	9	0.00465	
15p-60V-5%	C8	CAP CER 15PF 50V 5% NPO 0402	311-1017-1-ND	C0402	Yageo	CO0402JRNPO9BN150	1	0.00270	
33p-60V-5%	C9	CAP CER 33PF 50V 5% NPO 0402	311-1020-1-ND	C0402	Yageo	CO0402JRNPO9BN330	1	0.00270	
100u, ceramic	C11	CAP CER 100UF 10V 20%X5R 1812	445-7743-2-ND	C1210	TDK Corporation	C4532X5R1A107M	1	0.55800	
27p-80V-5%	C14, C15	CAP CER 27PF 50V 5% NPO 0402	311-1019-2-ND	C0402	Yageo	CO0402JRNPO9BN270	2	0.00270	
22p-50V-5%	C29, C34	CAP CER 22PF 50V 5% NPO 0402	311-1018-2-ND	C0402	Yageo	CO0402JRNPO9BN220	2	0.00270	
100p-50V-5%	C30, C35	CAP CER 100PF 50V 5% NPO 0402	311-1024-2-ND	C0402	Yageo	CO0402JRNPO9BN101	2	0.00270	
10uF-6V3-20%	C39	CAP CER 10UF 6.3V 20% X5R 0603	311-1448-1-ND	C0402	Yageo	CO0603MRX5R5BB106	1	0.06176	
LED BLUE	D1	LED BLUE CLEAR THIN 0603 SMD	160-1446-2-ND	LED0603-G	Lite-On Inc	LTST-C191KGKT	1	0.03780	
LED RED	D2	LED RED CLEAR THIN 0603 SMD	160-1446-2-ND	LED0603-G	Lite-On Inc	LTST-C191KGKT	1	0.03780	
LED GREEN	D3	LED GREEN CLEAR THIN 0603 SMD	160-1446-2-ND	LED0603-G	Lite-On Inc	LTST-C191KGKT	1	0.03780	
BAT43XV2	D4, D5	Diode Type SMD	BAT43XV2CT-ND	SOD-523F	Fairchild Semiconductor	BAT43XV2	2	0.01822	
GSM Antena conector	E2	Header, 5-Pin		A10343-GSM850/900/ 1800/ 1900/WCDMA					
touch_pin	J4, J5	Socket		TOUCH_PIN				2	
12nH-5%	L1, L2	INDUCTOR 12NH 300MA 0402	490-2624-2-ND	R0402	Murata Electronics North America	LQG15HS12NJ02D	2	0.01872	
1uH	L3	INDUCTOR 1.0UH 150MA 0603	490-4022-2-ND	L0603	Murata Electronics North America	LQM18FN1R0M00D	1	0.03756	
MIC	P2	Header, 2-Pin		HEADER_1.27mm_2PIN				1	
SIM CARD HOLDER	P3	SIM_CONNECTOR_410108105011-2LF		MICRO_SIM_SOCKET	Tyrone			1	
USB	P4	Header, 4-Pin		GT102x_Housing_USB_nnecto				1	
JTAG	P5	Header, 5-Pin		HEADER_1.27mm_5PIN				1	
Spk	P6	Header, 2-Pin		HDR1X2				1	
Header 3	P7	Header, 3-Pin		BAT_CON				1	
GPS Antena Connecter(NA)	P22	GPS Antena		IPX SMD PCB Plug				1.25	NA
BSS138	Q1, Q3	MOSFET N-CH 50V 200MA SOT23-3	BSS138-FDICT-ND	SOT23-3	Diodes Inc	BSS138-7-F	2	0.06575	
AO3401A	Q2	MOSFET P-CH -30V -4.3A SOT23	785-1001-1-ND	SOT23-3	Alpha & Omega Semiconductor Inc	AO3401A	1	0.12400	NA
4K7-5%	R1, R2, R9, R10, R21, R22, R23, R25, R26, R27	RES 4.7K OHM 1/16W 5% 0402 SMD	311-4.7KJRCT-ND	R0402	Yageo	RC0402JR-074K7L	10	0.00178	
10k-5%	R3, R4, R11, R17, R28	RES 10K OHM 1/16W 5% 0402 SMD	311-10KJRCT-ND	R0402	Yageo	RC0402JR-0710KL	5	0.00178	
1k-5%	R5, R6, R7	RES 1.0K OHM 1/16W 5% 0402 SMD	311-1.0KJRCT-ND	R0402	Yageo	RC0402JR-071KL	3	0.00178	
100k-5%	R8, R12, R15, R29, R31, R32	RES 100K OHM 1/16W 5% 0402 SMD	311-100KJRCT-ND	R0402	Yageo	RC0402JR-07100KL	6	0.00171	
22-5%	R13, R14, R16, R20, R24	RES 22 OHM 1/16W 5% 0402 SMD	311-22JRCT-ND	R0402	Yageo	RC0402JR-0722RL	5	0.00178	
47k-5%	R18, R19	RES 47K OHM 1/16W 5% 0402 SMD	311-47KJRCT-ND	R0402	Yageo	RC0402JR-0747KL	2	0.00178	
1k1-5%	R30	RES 1.1K OHM 1/16W 5% 0402 SMD	311-1.1KJRCT-ND	R0402	Yageo	RC0402JR-071K1L	1	0.00207	
SW-DPST	S1, S2	Double-Pole, Single-Throw Switch		BUTTON-TVAF11-025B-R				2	
GT1612	U1			GT1612				1	
XO6209B332MRN_SOT-25	U2, U9	XO6209B332MRN_SOT-25		SOT23-5	Tyrone			2	
LEON G100	U3			U-BLOX-G100	Tyrone			1	
MX25L8005MC-15G_SOP-8L	U4	MX25L8005MC-15G_SOP-8L		SQ8-150mil	Tyrone			1	
MMA7660FC	U5	ACCELEROMETER 3X3 DGTL 10-DFN	MMA7660FC-ND	MMA7660FC	Freescale Semiconductor	MMA7660FC	1	0.67000	
MKL25Z128VFT4	U6	IC ARM CORTEX MCU 128KB 48QFN	MKL25Z128VFT4-ND		Freescale Semiconductor	MKL25Z128VFT4	1	2.14920	
TPA6203A1_DRB_8	U7	IC AMP AUDIO PWR 1.25W MONO 8SON	296-34561-5-ND	DRB8_1P75X1P5	Texas Instruments	TPA6203A1DRB	1	0.37248	
EMC5754	U8			SOT23-5				1	
8.000 MHZ	Y1	CRYSTAL 8.000 MHZ 18PF SMD	887-1452-2-ND	SMD CRYSTAL 4 x 2.5	TXC CORPORATION	7B-8.000MAAJ-T	1	0.39000	