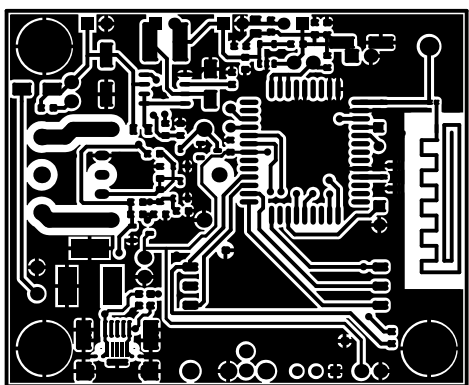
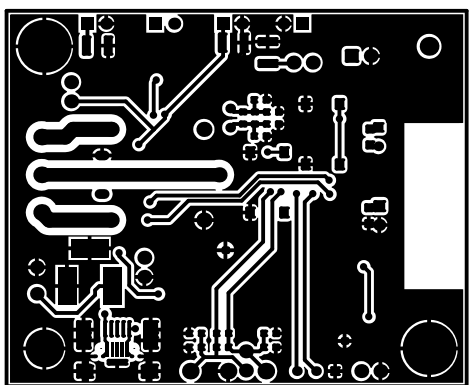
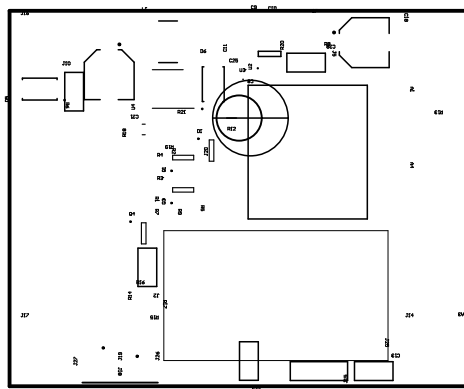
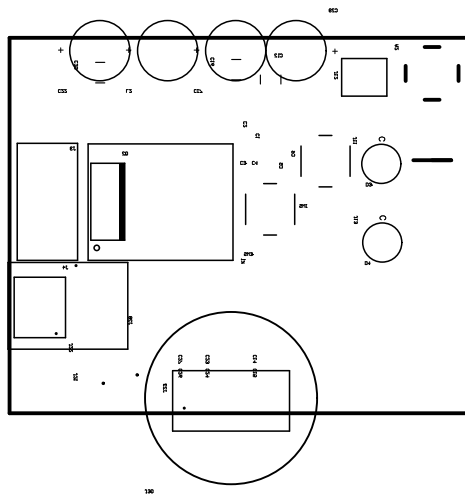


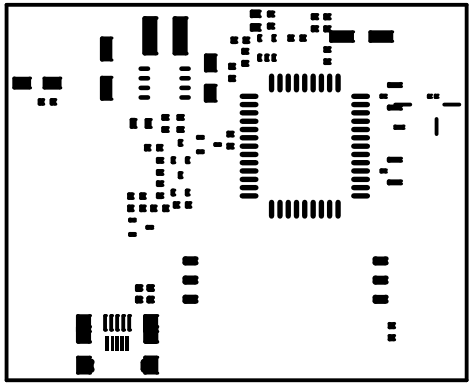
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Date	2/25/2017	Sheet of
File	D:\APin\GSMRelay\GSMRelay_SchDoc	Drawn By:

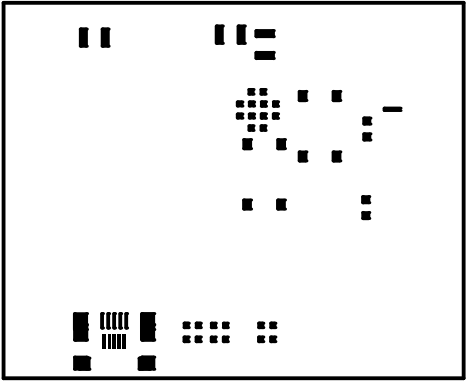


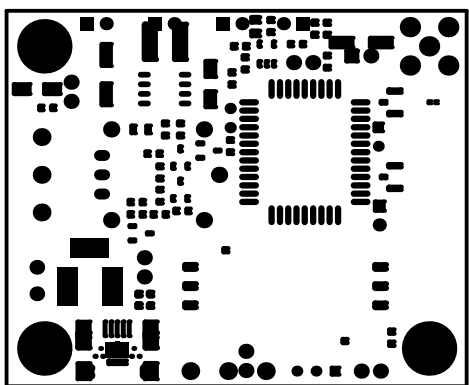




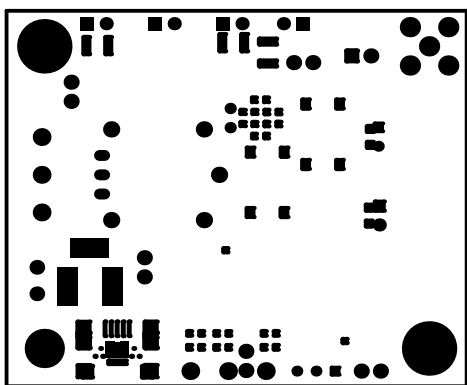


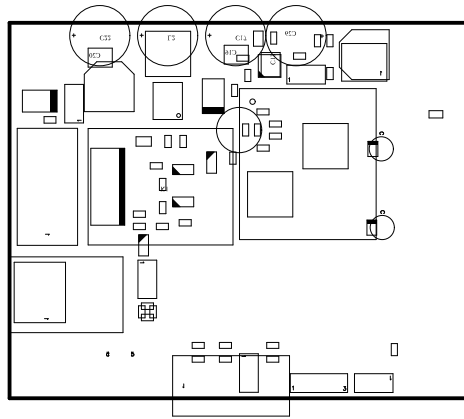


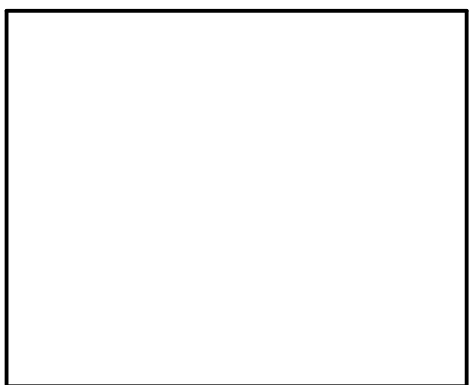


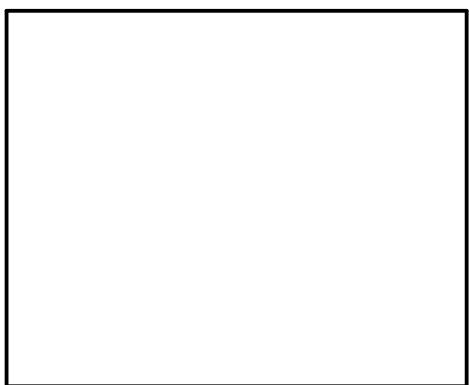


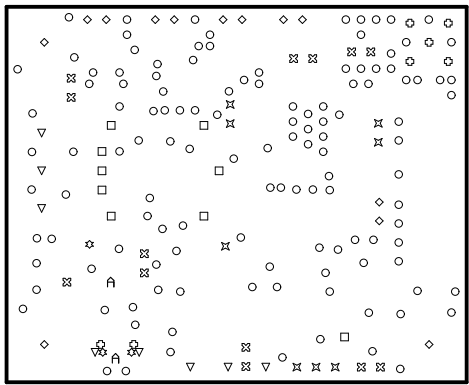


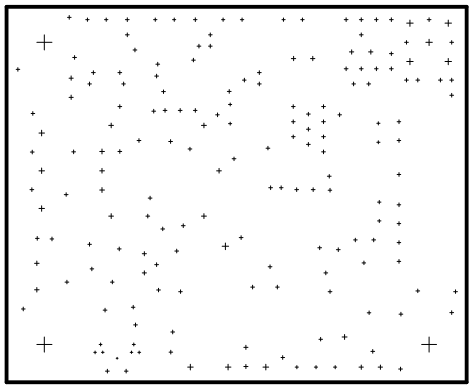












Comment	Designator	Description	Footprint	Quantity
0	R10, R11		NA	2
0	R13		SMD_0402_RESC1005X37N	1
0	R3, R6, R8, R12, R14, R15, R16, R17		SMD_0603_RESC1608X55N	8
1k2	R21		SMD_0603_RESC1608X55N	1
1nF	C25	Capacitor	SMD_0603_CAPC1608X95N	1
1R	R18		SMD_0805_RESC2012X60N	1
1R	R20		SMD_0603_RESC1608X55N	1
1uF	C13		SMD_0603_CAPC1608X95N	1
3k6	R19		SMD_0603_RESC1608X55N	1
10k	R1, R2, R4, R5, R7, R9		SMD_0603_RESC1608X55N	6
10pF	C2, C4, C6, C11, C15, C24, C27		SMD_0603_CAPC1608X95N	7
10uF	C7, C8, C28	[NoValue], [NoValue], Capacitor	SMD_0603_CAPC1608X95N	3
10uF	C9		SMD_0805_CAPC2012X95N	1
10uF/50V	C20		SMD_1210_CAPC3225X279N	1
22uF	C12	CL32A227MQVNNNE 220UF 6.3V 20% X5R 1210	SMD_1210_CAPC3225X279N	1
22uF	C19	Capacitor	SMD_0805_CAPC2012X145N	1
33pF	C1, C3, C5, C14, C23, C26		SMD_0603_CAPC1608X95N	6
100nF	C10		SMD_0603_CAPC1608X95N	1
100uF	C16		SMD_1210_CAPC3225X279N	1
100uF	C21	Capacitor	SMD_CAPAE660X550N	1
100uF	C22	Capacitor	PTH_CAPPR250-800X800	1
220uF	C18	Capacitor	SMD_CAPAE660X550N	1
220uH	L1	FPI0504 DA54	SMD_INDM600500	1
220uH	L2		PTH_CAPPR250-800X800	1
470uF	C17, C29	Capacitor	PTH_CAPPR250-800X800	2
34063	U4	DC/DC converter	SMD_SOIC127P600X175-8N	1
AP9987GJ	Q2		PTH_TO220AB	1
ATTEND 207A-BBA0-R	J18, J21		SMD_CON_MICRO_USB	2
ATTEND 207A-BBA0-R	J19, J22		SMD_CON-CVILUX-CU04-SCM15B0	2
ATTEND 207A-BBA0-R	J23, J27		SMD_CON_MICRO_USB_STRAIGHT	2
ATTEND 207A-BBA0-R	J24		NA	1
BC817	Q1, Q3		SMD_SOT23_SOT95P240X120-3N	2
CON_1PIN	J14, J16, J17		PTH_MOUNT_HOLE	3
CON_2PINS	J2, J5, J10, J15, J29		PTH_HDRV02W64P254_1X02	5
CON_2PINS	J4		PTH_HDRV02W11060P350_1X02	1
CON_3PINS	J25		PTH_HDRV03W64P254_1X03	1
CON_3PINS	J28		PTH_DC-POWER-JACK_210-112	1
DLM11G	J8		NA	1
DTC114YKA	Q4		SMD_SOT23_SOT95P240X120-3N	1
DTSM-62N	SW3		SMD_SW_TACT-64K_5	1
DTSM-65N	SW1		SMD_SW_TACT-64K_5	1
DW02S	J12		PTH_HDRV02W64P254_1X02_BATTERY	1
D_A1C3	D1	1N4148	SMD_SOT23_SOT95P240X120-3N	1
GSM SIMH	J26		SMD_CON-ATTEND_SIM_115B-AAA0-R01	1
HDRV 3P	J3		PTH_HDRV03W11060P500_1X03	1
LD-MC-9765	J20		PTH_MIC_9.6MM_6MM	1
LED_CALL	D3		SMD_0805_LED2012X100N	1
LED_NETWORK	D4		SMD_0805_LED2012X100N	1
LED_YELLOW_GREEN	J11, J13		PTH_LED-KINGBRIGHT-L-9345GC	2
MCP73811 450mA	U2	MCP73812	SMD_SOT26_SOT95P285X140-5N - DLV	1
PCB	A3		SMD_CON_ANTENNA_GSM_PCB_1	1
QUECTEL_M66	U3		SMD_MOD_M66-44N	1
RELAY_SPDT	K1		PTH_REL_RAS	1
SMA	A2		SMD_CON_ANTENNA_SMA_RIGHT_ANGLE	1
SPEAKER	J30		PTH_SPEAKER_MCABS-227-RC	1
SS14	D5, D6		SMD_DO214AC_SMA	2
UFL	A1, A4		SMD_CON_ANTENNA_UFL	2