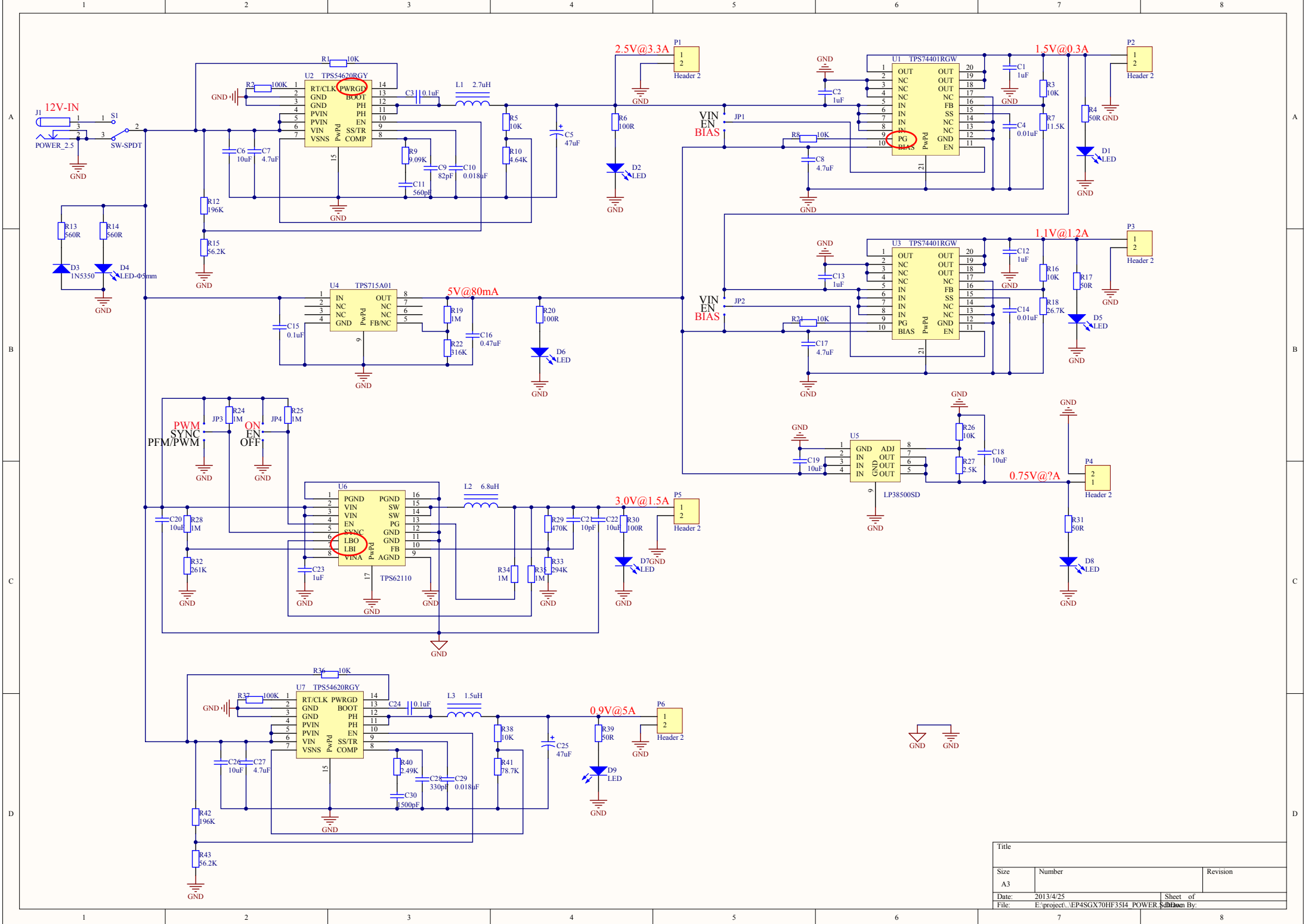




Title		
Size	Number	Revision
A3		
Date:	2013/4/25	Sheet of
File:	E:\project\EP4SGX70HF3514 POWER	Sheet of
Drawn By:		

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C2, C3, C4, C9, C10, C11, C12, C13, C14, C18, C19, C24, C28, C29, C30	0603	Cap	16
Cap Pol1	Polarized Capacitor (Radial)	C5, C25	1210	Cap Pol1	2
Cap	Capacitor	C6, C26	1210	Cap	2
Cap	Capacitor	C7, C15, C16, C27	0805	Cap	4
4.7uF	Capacitor	C8, C17	0603	Cap	2
10uF	Capacitor	C20, C22	1210	Cap	2
10pF	Capacitor	C21	0603	Cap	1
1uF	Capacitor	C23	0603	Cap	1
LED	Typical INFRARED GaAs LED	D1, D2, D5, D6, D7, D8, D9	0603	LED	7
1N5350	High Conductance Fast Diode	D3	1N5350	Diode 1N4148	1
LED- φ 5mm	Typical INFRARED GaAs LED	D4	LED	LED	1
POWER_2.5		J1	POWER_2.5	POWER_2.5	1
JP3		JP1, JP2, JP3, JP4	Jumper1X3	JP3	4
2.7uH	MSS1048-332NL_	L1	MSS1048-***NL_	Inductor Iron	1
Inductor Iron	MSS1048-152NL_ , MSS1048-682NL_	L2, L3	MSS1048-***NL_	Inductor Iron	2
Header 2	Header, 2-Pin	P1, P2, P3, P4, P5, P6		Header 2	6
Res2	Resistor	R1, R2, R3, R5, R7, R8, R9, R10, R12, R15, R16, R18, R19, R21, R22, R26, R27, R36, R37, R38, R40, R41, R42, R43	0603	Res2	24
50R	Resistor	R4, R17, R31, R39	0603	Res2	4
100R	Resistor	R6, R20, R30	0603	Res2	3
560R	Resistor	R13, R14	0603	Res2	2
1M	Resistor	R24, R25, R28, R34, R35	0603	Res2	5
470K	Resistor	R29	0603	Res2	1
261K	Resistor	R32	0603	Res2	1
294K	Resistor	R33	0603	Res2	1
SW-SPDT	SPDT Subminiature Toggle Switch, Right Angle Mounting, Vertical Actuation	S1	DIPSwitch_3*1	SW-SPDT	1
TPS74401RGW		U1, U3	TPS74401	TPS74401RGW	2
TPS54620RGY		U2, U7	TPS54620	TPS54620RGY	2
TPS715A01		U4	TPS715Axx	TPS715A01DRBR	1
LP38500SD		U5	PL38500SD	LP38500SD	1
TPS62110		U6	TPS62110	TPS62110	1