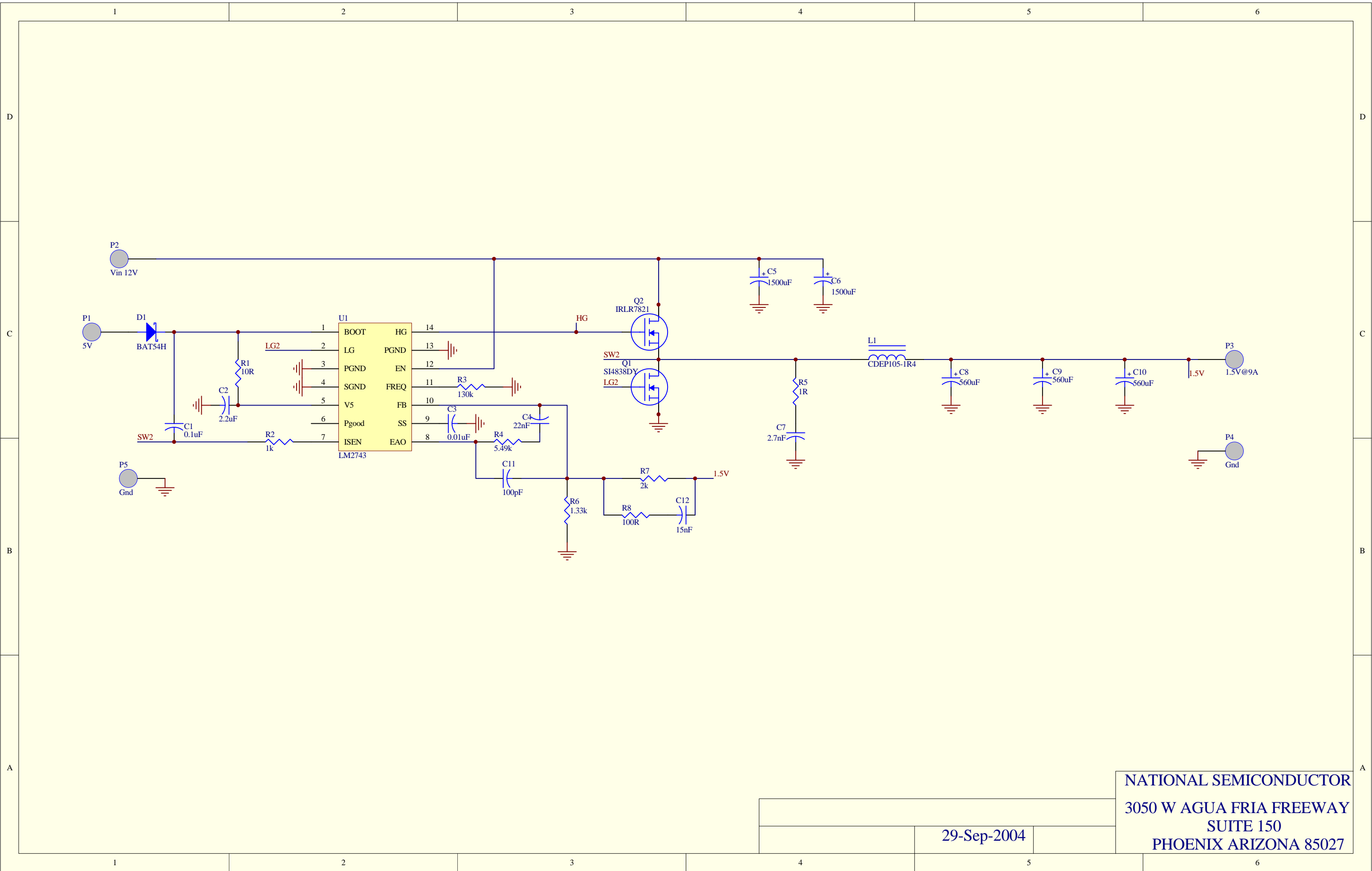


Designator	Part Type	Manufacturer Part No	Description
C1	0.1uF	VISHAY VJ0805Y104KXXA	Capacitor Ceramic X7R
C2	2.2uF	TDK C2012X5R0J225	Capacitor Ceramic X5R
C3	0.01uF	VISHAY VJ0805Y103KXXA	Capacitor Ceramic X7R
C4	22nF	VISHAY VJ0805Y223KXXA	Capacitor Ceramic X7R
C5	1500uF	SANYO 16MV1500WG	SANYO Through Hole Cap
C6	1500uF	SANYO 16MV1500WG	SANYO Through Hole Cap
C7	2.7nF	VISHAY VJ0805Y272KXXA	Capacitor Ceramic X7R
C8	560uF	SANYO 4MB560EXR	Sanyo surface mount super low ERS
C9	560uF	SANYO 4MB560EXR	Sanyo surface mount super low ERS
C10	560uF	SANYO 4MB560EXR	Sanyo surface mount super low ERS
C11	100pF	VISHAY VJ0805A101KXXA	Capacitor Ceramic X7R
C12	15nF	VISHAY VJ0805Y153KXXA	Capacitor Ceramic X7R
D1	BAT54H	ON SEMI BAT54H	Schottky Diode
L1	CDEP105-1R4	SUMIDA CDEP105-1R4	SMT Power inductor
P1	5V bias pin (3mA)		TEST POINT
P2	Vin 12V		TEST POINT
P3	1.5V@9A		TEST POINT
P4	Gnd		TEST POINT
P5	Gnd		TEST POINT
Q1	SI4838DY	VISHAY SI4838DY	Logic Level, Single N-Channel MOSFET Power Trench
Q2	IRLR7821	IR IRLR7821	Logic Level, Single N-Channel MOSFET Power Trench
R1	10R	VISHAY CRCW080510R0F	1% Thick Film
R2	1k	VISHAY CRCW08051001F	1% Thick Film
R3	130k	VISHAY CRCW08051303F	1% Thick Film
R4	5.49k	VISHAY CRCW08055432F	1% Thick Film
R5	1R	VISHAY CRCW08051R00F	1% Thick Film
R6	1.33k	VISHAY CRCW08051331F	1% Thick Film
R7	2k	VISHAY CRCW08052001F	1% Thick Film
R8	100R	VISHAY CRCW08051000F	1% Thick Film
U1	LM2743	NST SEMI LM2743	Synchronous Buck Controller



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