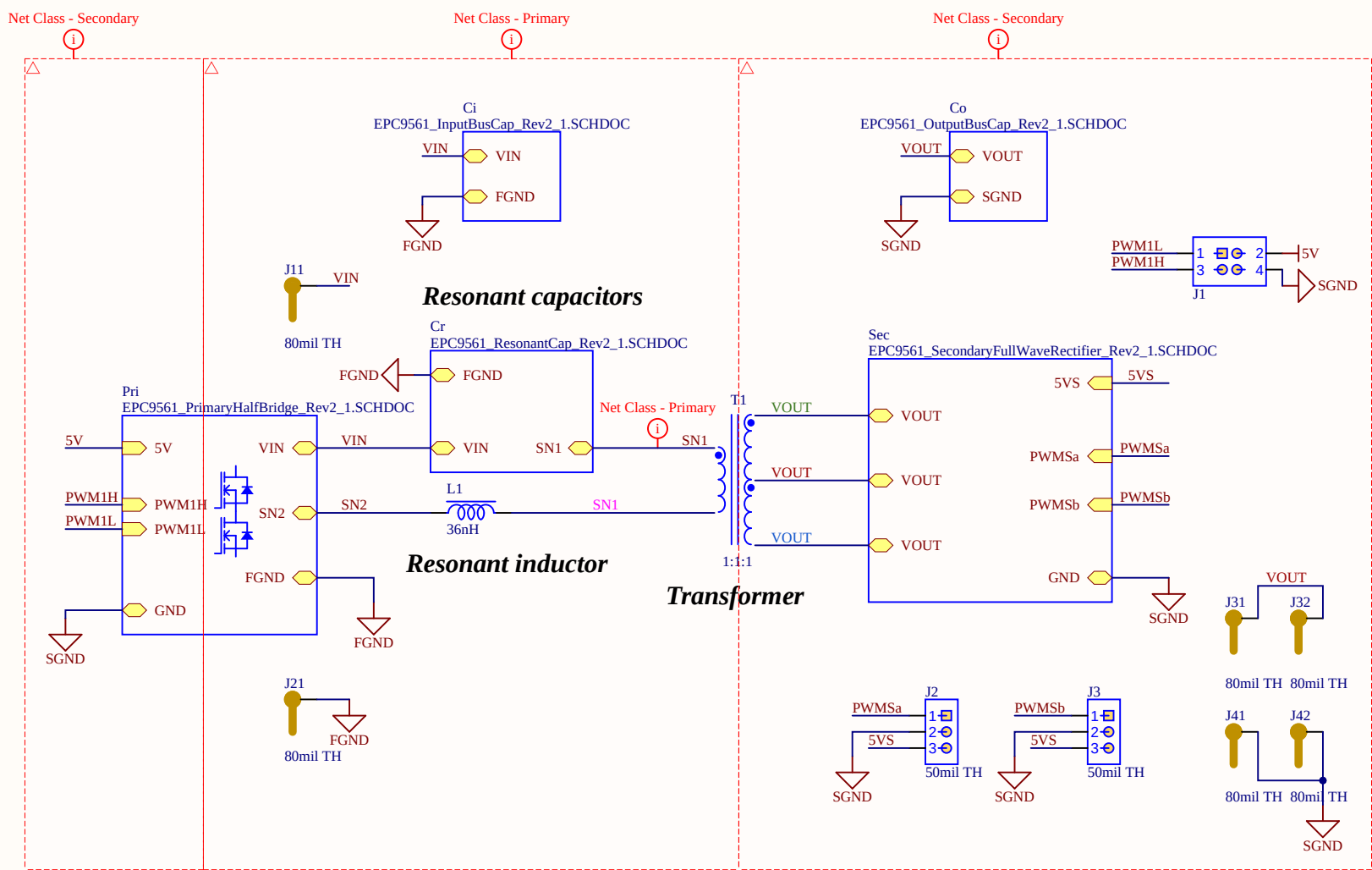
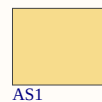


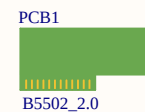


Transformer
Magnetic cores & Airgap spacers

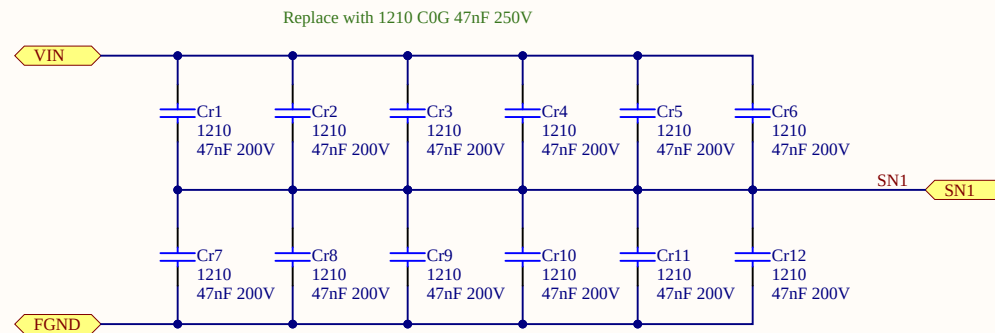


- SO1 Custom PCB
- SO2 Custom PCB
- SO3 Custom PCB
- SO4 Custom PCB
- SO4 Custom PCB

- SO5 Custom PCB
- SO6 Custom PCB
- SO7 Custom PCB
- SO8 Custom PCB
- SO8 Custom PCB



Title: 100 V to 50 V LLC Module		eGaN® FET © EPC 2025	
Design #: EPC9561	PCB #: B5502	Efficient Power Conversion 909 Pacific Coast Hwy. Ste 230 El Segundo, CA 90245 U.S.A. www.epc-co.com	
Revision 2.1	Revision: 2.0		
Date: 4/30/2025	Sheet 1 of 6		
File: EPC9561 B5502_Rev2_1.SCHDOC			

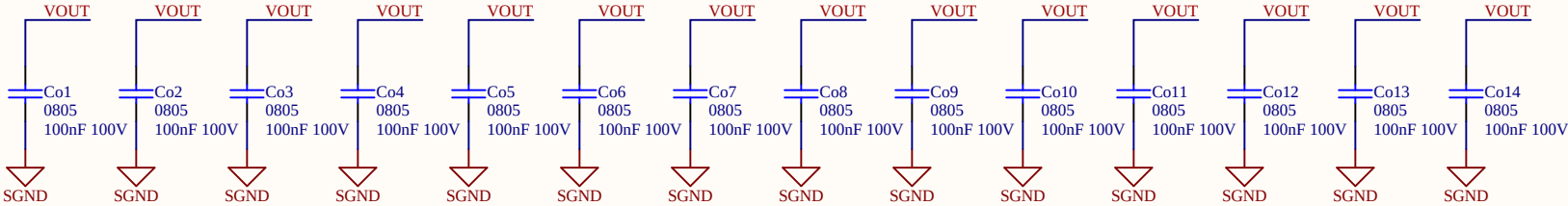


Resonant capacitors

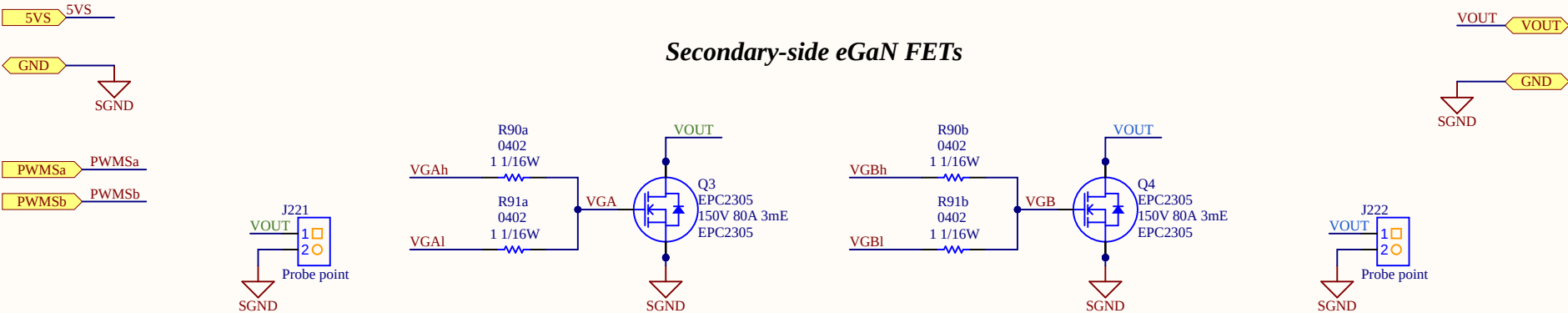
Title: Split Resonant Capacitors		© EPC 2025
Design #: EPC9561 Resonant Capacitors		Efficient Power Conversion 909 Pacific Coast Hwy. Ste 230 El Segundo, CA 90245 U.S.A. www.epc-co.com  EFFICIENT POWER CONVERSION
Revision 2.1		
Date: 4/30/2025	Sheet 2 of 6	
File: EPC9561_ResonantCap_Rev2_1.SCHDOC		



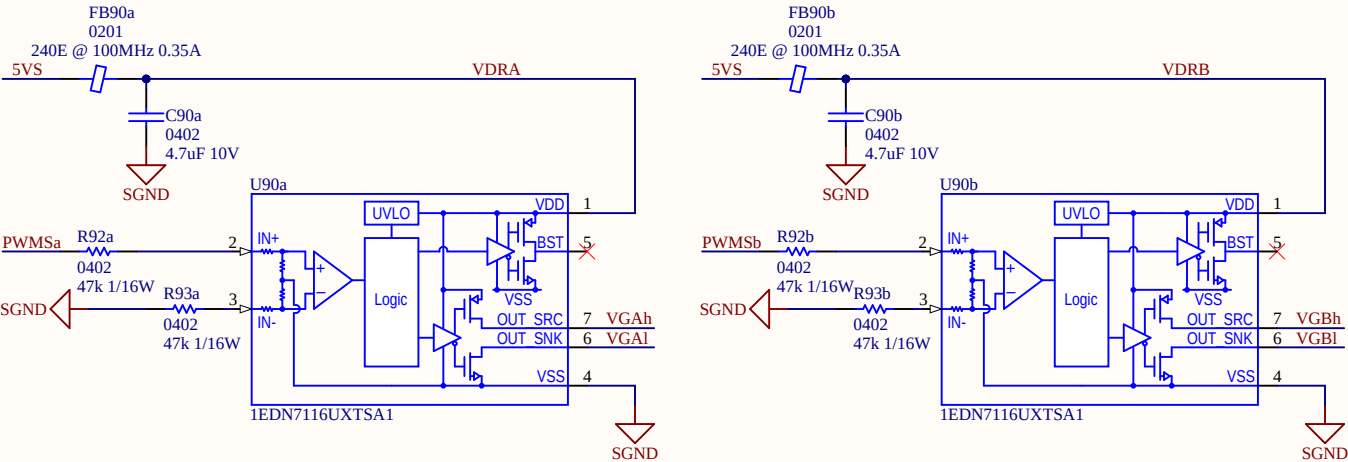
Output capacitors

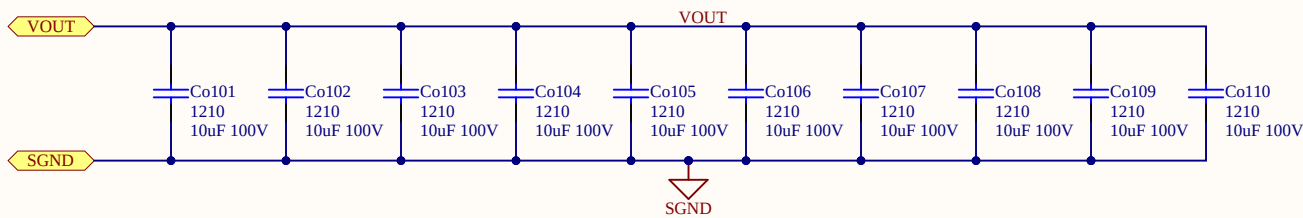


Secondary-side eGaN FETs



Secondary-side Gate Drivers





Output Bus Capacitance

