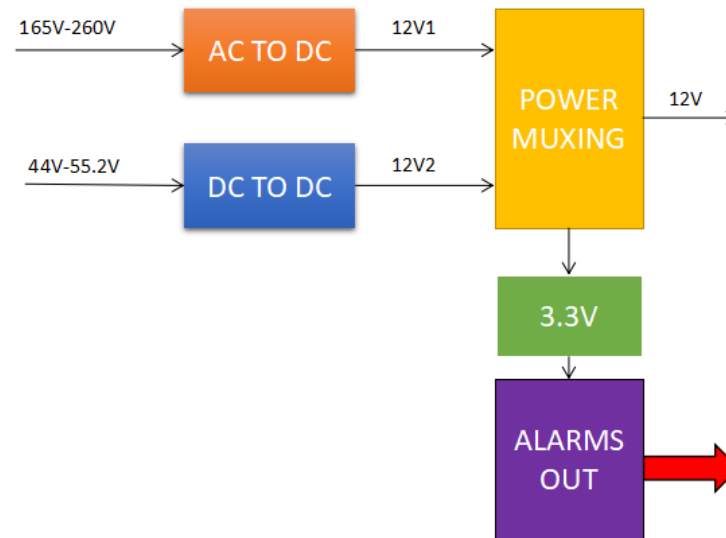
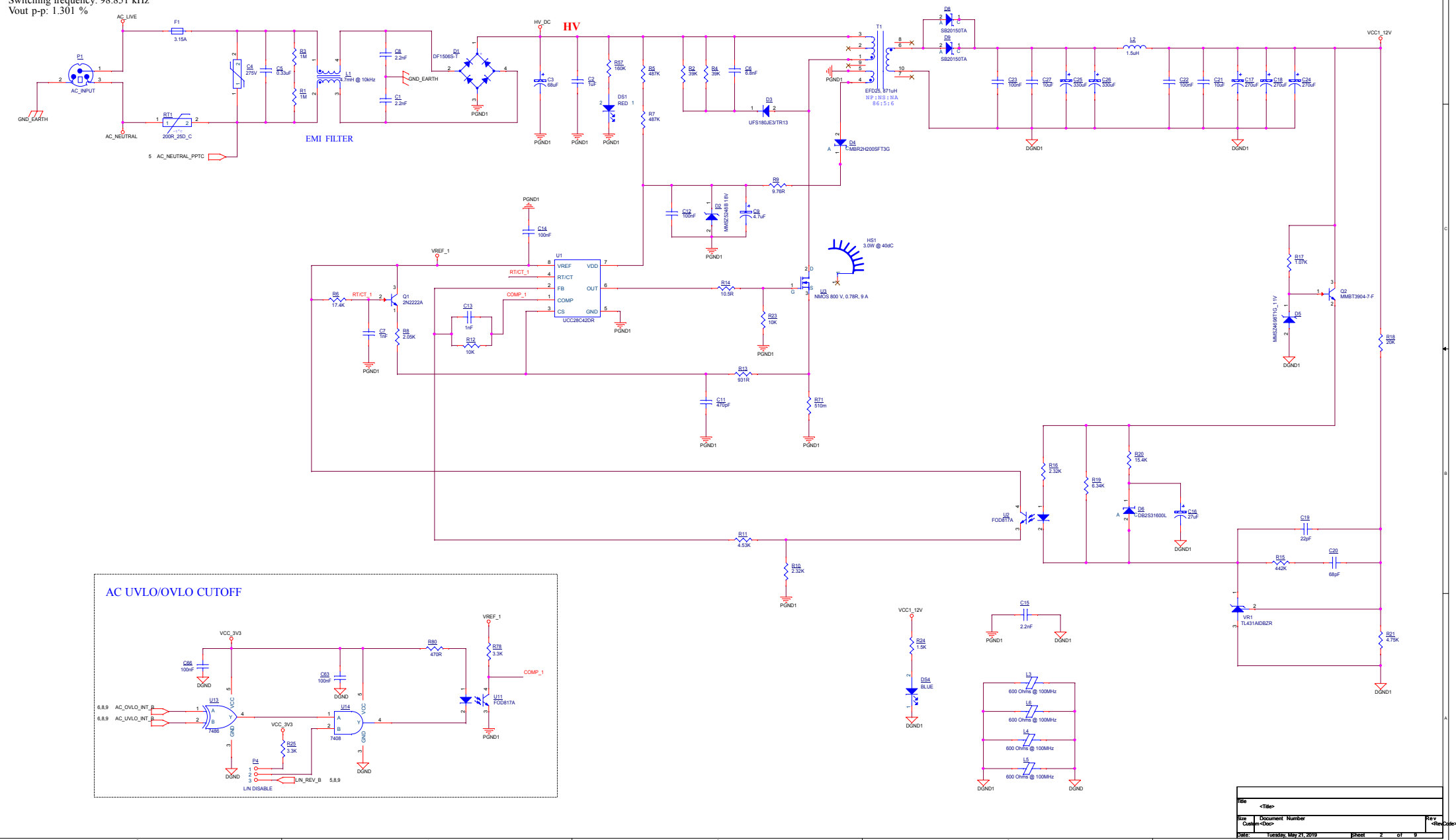


TYPE-B 10G POWER SUPPLY

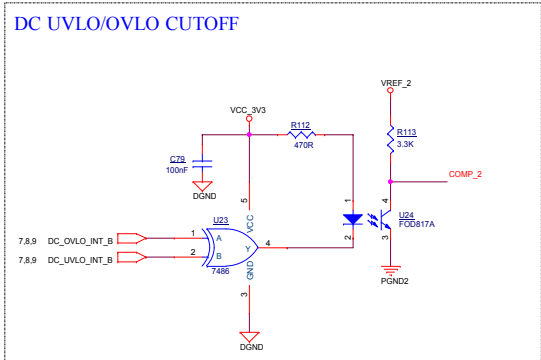


Vin (Min) (V): 165
Vin (Max) (V): 260
Vout (Nom) (V): 13
Iout (Max) (A): 5
Output Power (W): 60
Efficiency: 88.152%
Isolated/Non-Isolated: Isolated
Input Type: AC
Topology: Flyback-CCM
Switching frequency: 98.851 kHz
Vout p-p: 1.301 %



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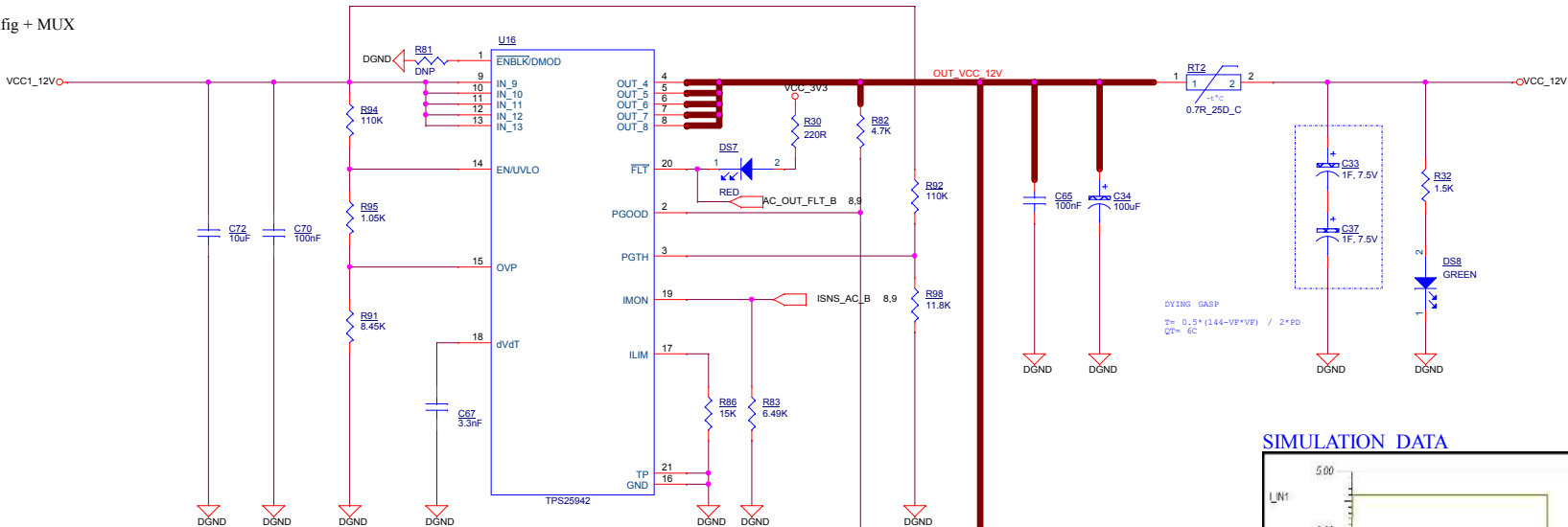
Vin (Min) (V): 44
Vin (Max) (V): 55.2
Vout (Nom) (V): 12.5
Iout (Max) (A): 5
Output Power (W): 60
Isolated/Non-Isolated: Isolated
Input Type: DC
Topology: Flyback-CCM
Switching frequency: 98.851 kHz
Vout p-p: 0.836%



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<Title>			
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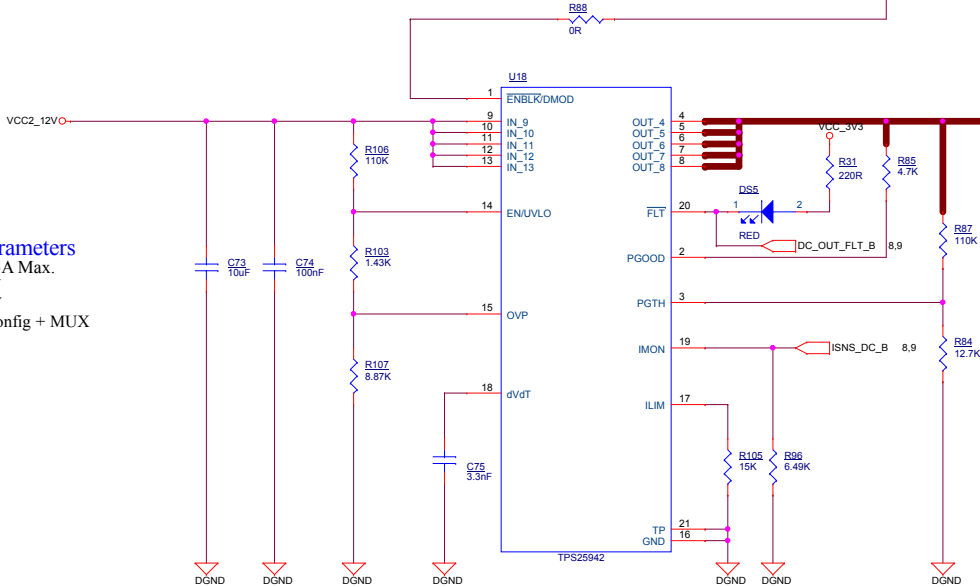
Design Parameters

VIN: 13V, 5A Max.
UVLO: 11.6V
OVLO: 14V
Oring: N+1 Config + MUX

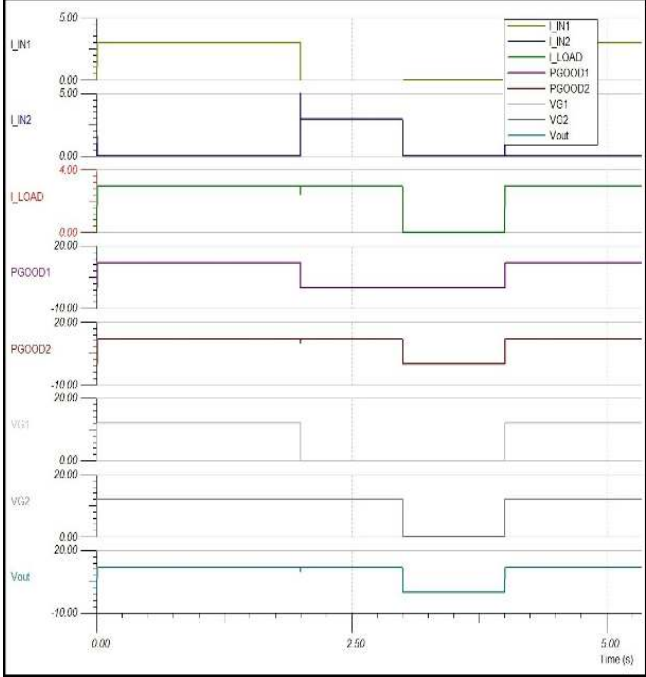


Design Parameters

VIN: 12.5V, 5A Max.
UVLO: 10.8V
OVLO: 13.5V
Oring: N+1 Config + MUX



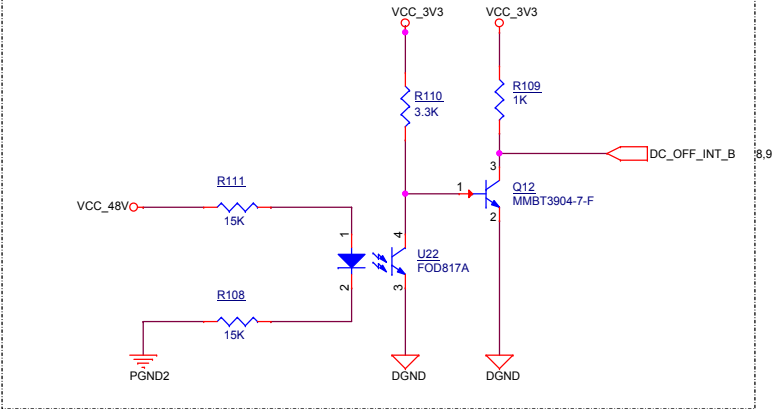
SIMULATION DATA



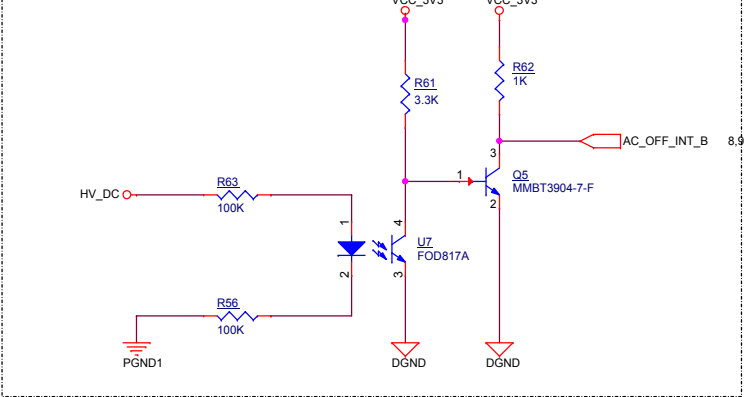
Design Parameters

Power Consumption: 36Watts.
Power retention after power cut: >200msec

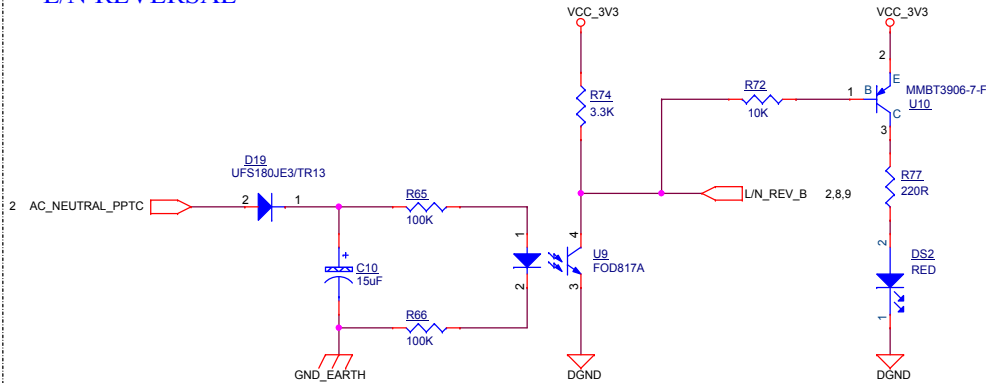
D_GASP_DC



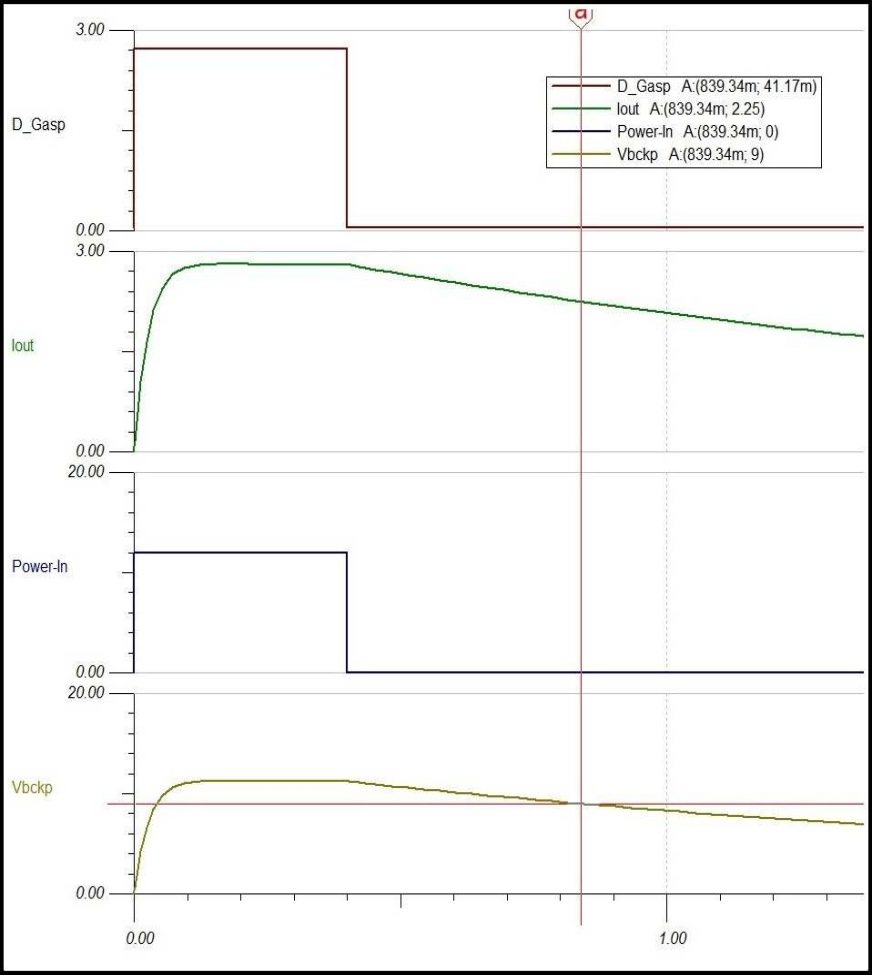
D_GASP_AC



L/N REVERSAL



SIMULATION DATA



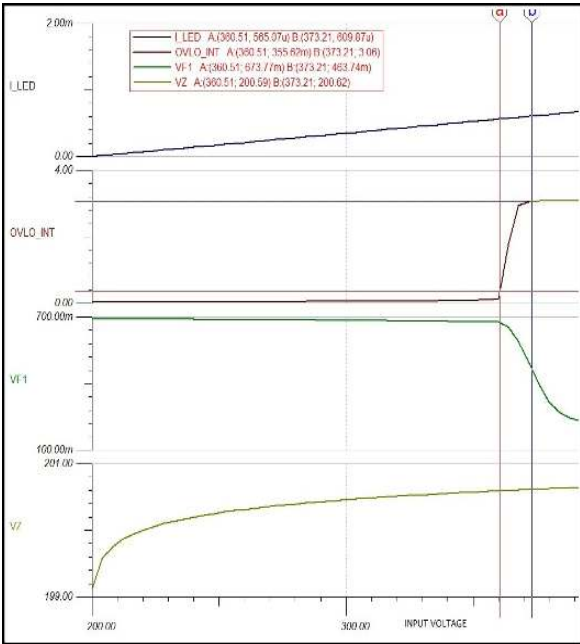
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Design Parameters

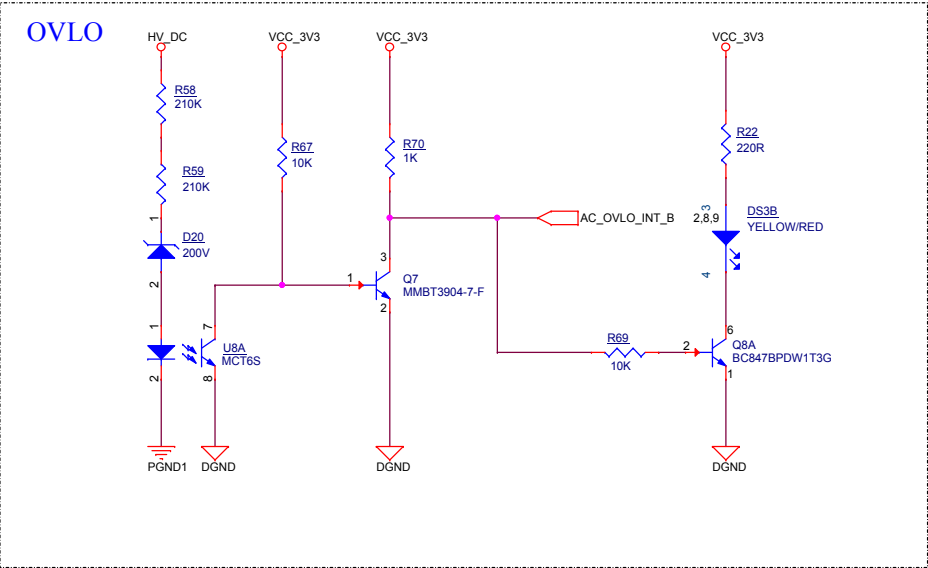
UVLO: 156VAC - 164VAC
(220VDC - 231VDC)

OVLO: 261VAC - 268VAC
(369VDC - 379VDC)

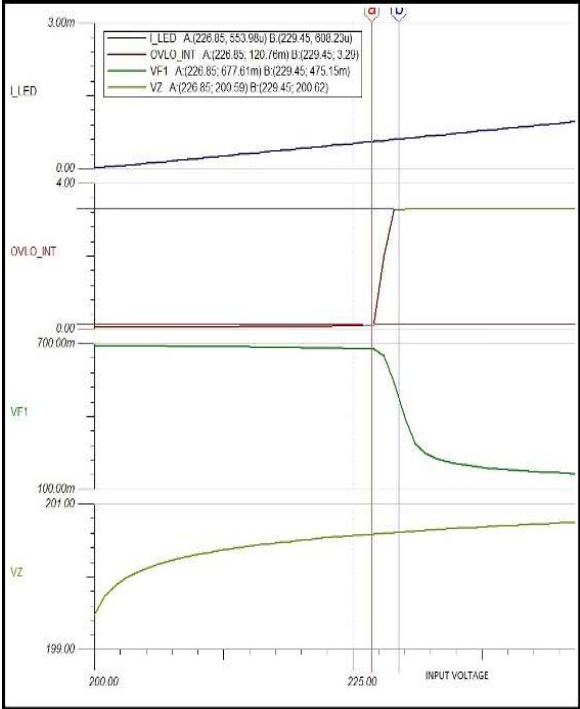
OVLO



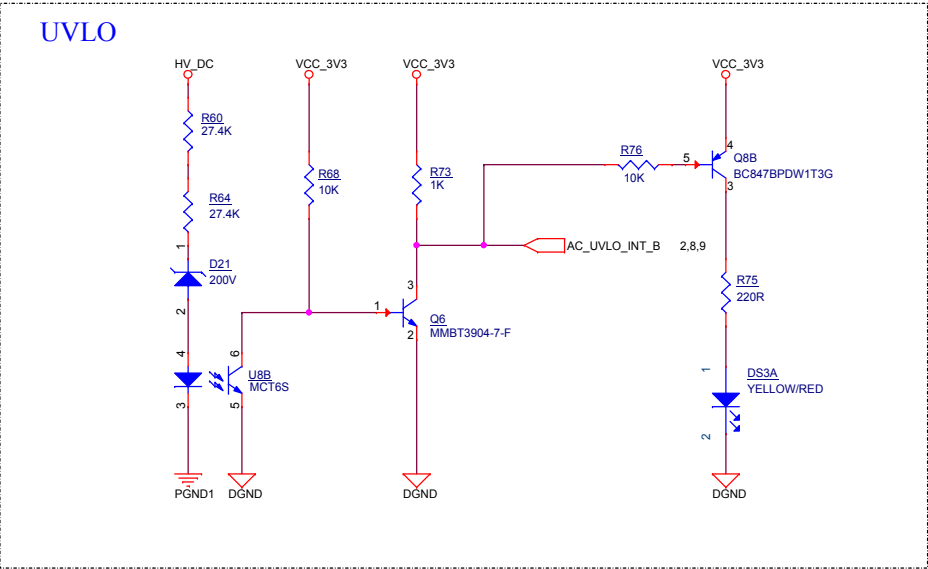
OVLO



UVLO

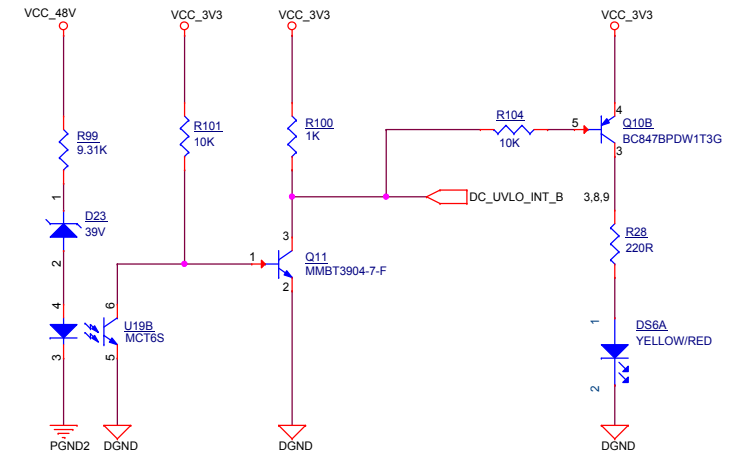
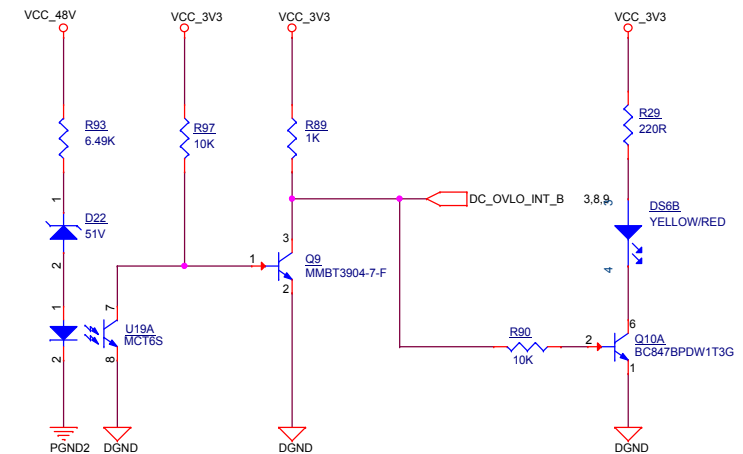
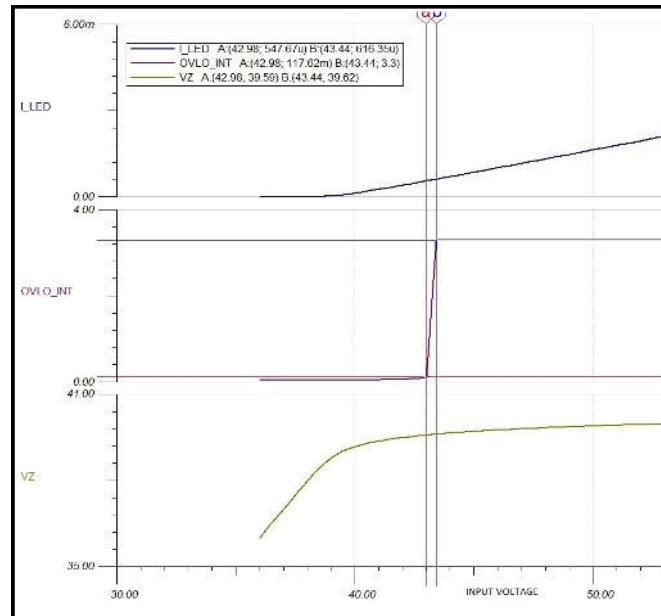
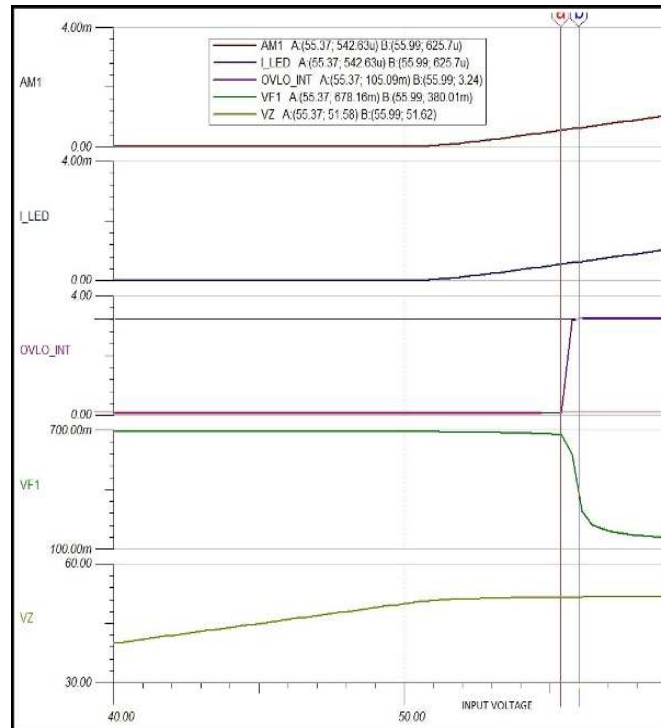


UVLO



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OVLO: -55.5VDC - -56.5VDC

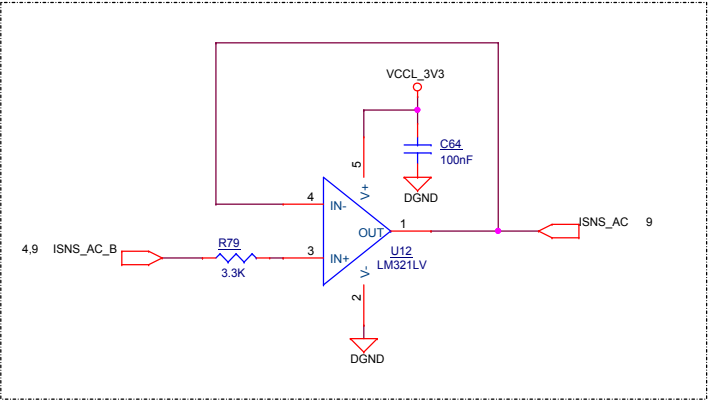
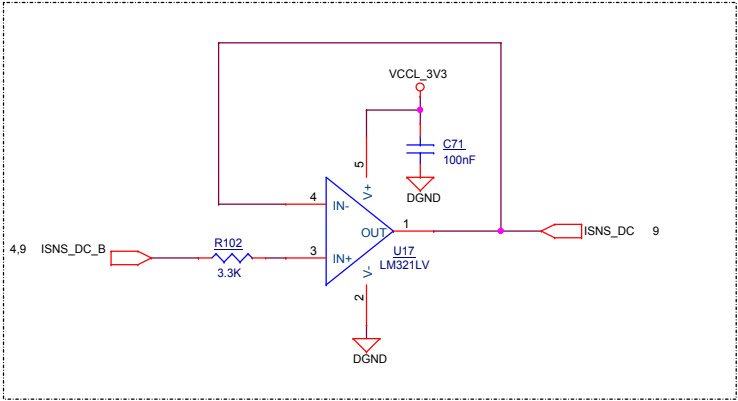
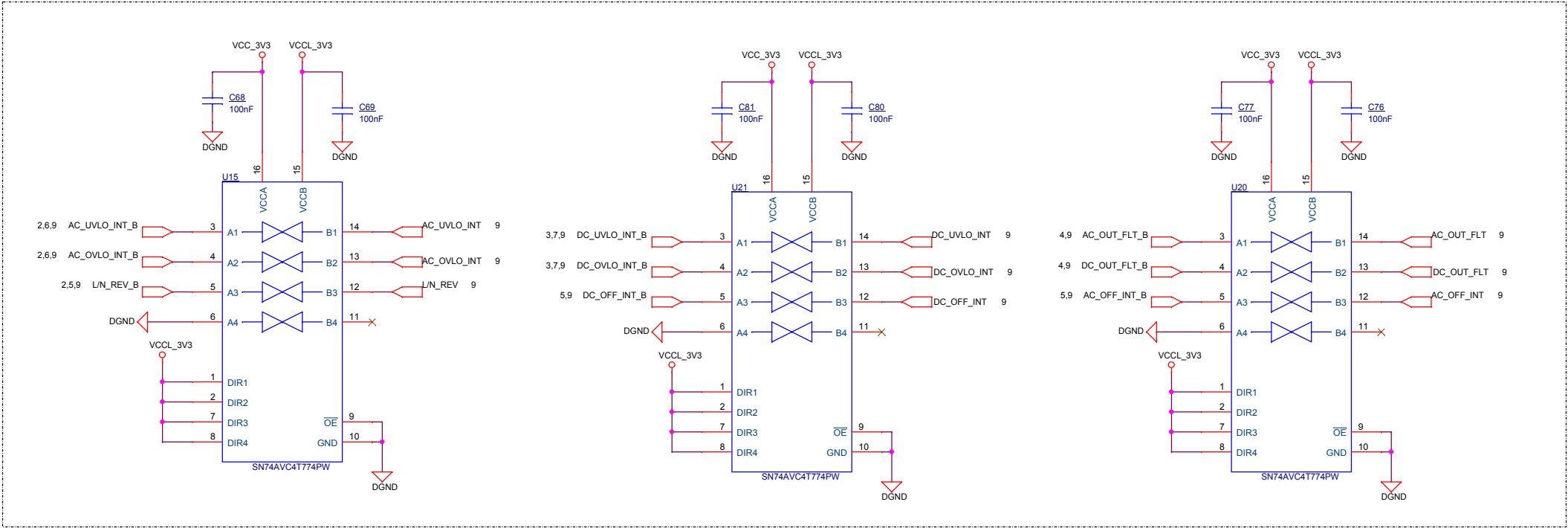
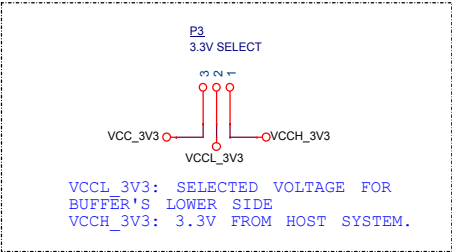


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ALARMS BUFFERS/VOLTAGE FOLLOWERS

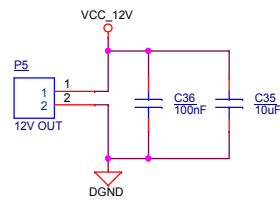
Design Parameters

VIL: 0V-0.4V
VIH: 3.0V-3.3V

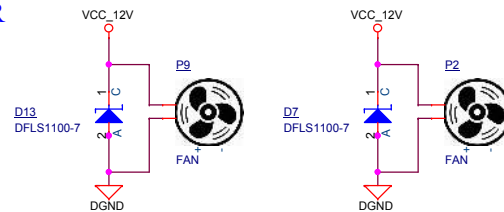


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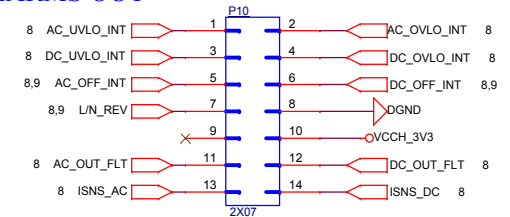
12V OUTPUT



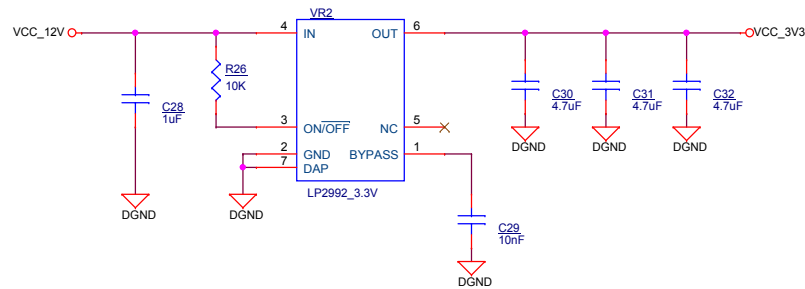
FAN CONNECTOR



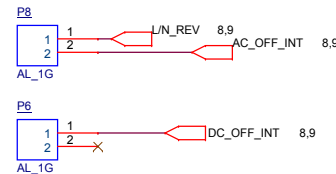
ALARMS OUT



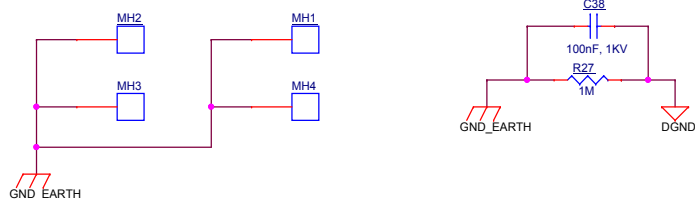
ON BOARD 3.3V



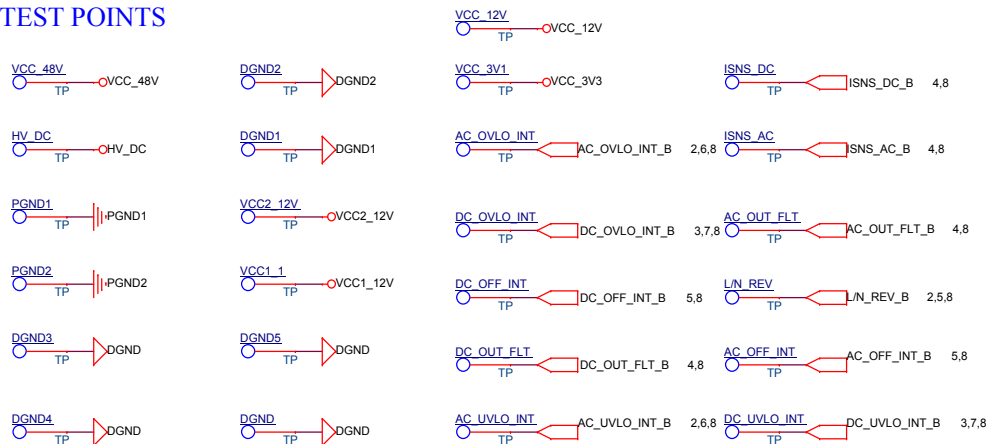
1G COMPATIBLE ALARMS OUT



MOUNTING HOLES



TEST POINTS



ALARM	HIGH	LOW
AC_UVLO_INT	NORMAL OPERATION	AC INPUT UNDERVOLTAGE
AC_OVLO_INT	AC INPUT OVERVOLTAGE	NORMAL OPERATION
DC_UVLO_INT	NORMAL OPERATION	DC INPUT UNDERVOLTAGE
DC_OVLO_INT	DC INPUT OVERVOLTAGE	NORMAL OPERATION
AC_OFF_INT	NORMAL OPERATION	AC INPUT FAIL
DC_OFF_INT	NORMAL OPERATION	DC INPUT FAIL
L/N_REV	NORMAL OPERATION	L/N REVERSED
AC_OUT_FLT	NORMAL OPERATION	OUTPUT OF AC-DC FAILED DUE TO OPEN CIRCUIT, UVLO/OVLO
DC_OUT_FLT	NORMAL OPERATION	OUTPUT OF DC-DC FAILED DUE TO OPEN CIRCUIT, UVLO/OVLO
ISNS_AC	IOUT1= ISNS_AC/337.48E-3	
ISNS_DC	IOUT1= ISNS_DC/337.48E-3	