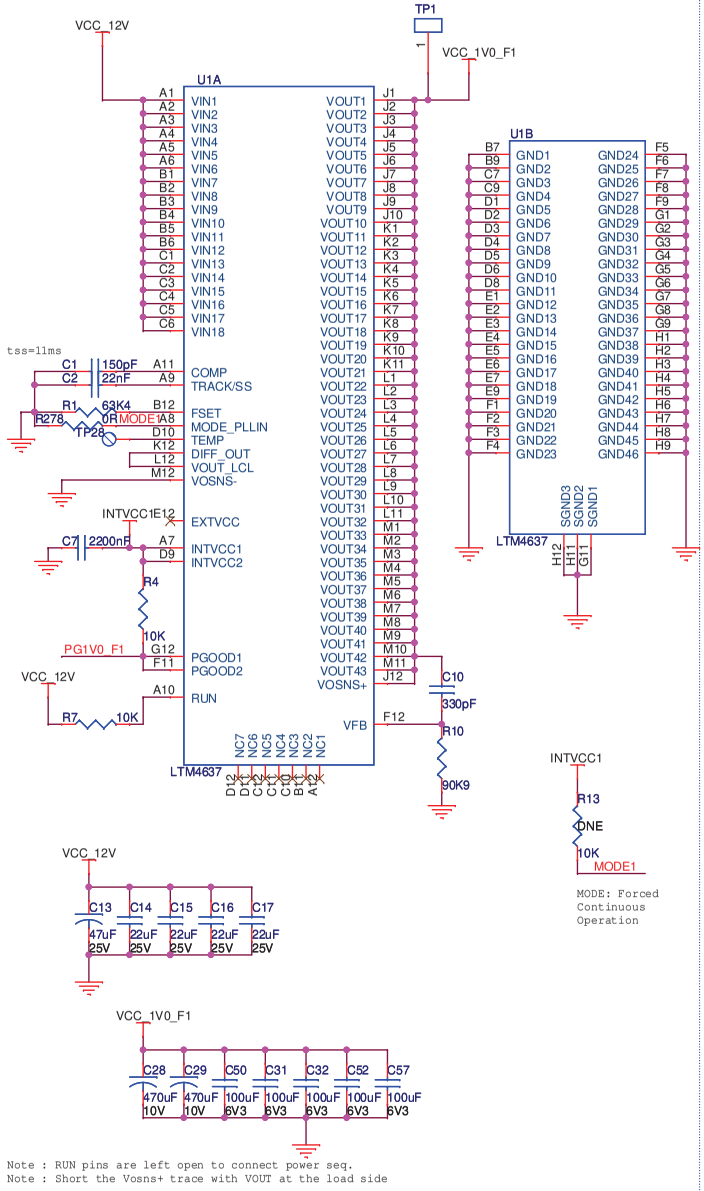
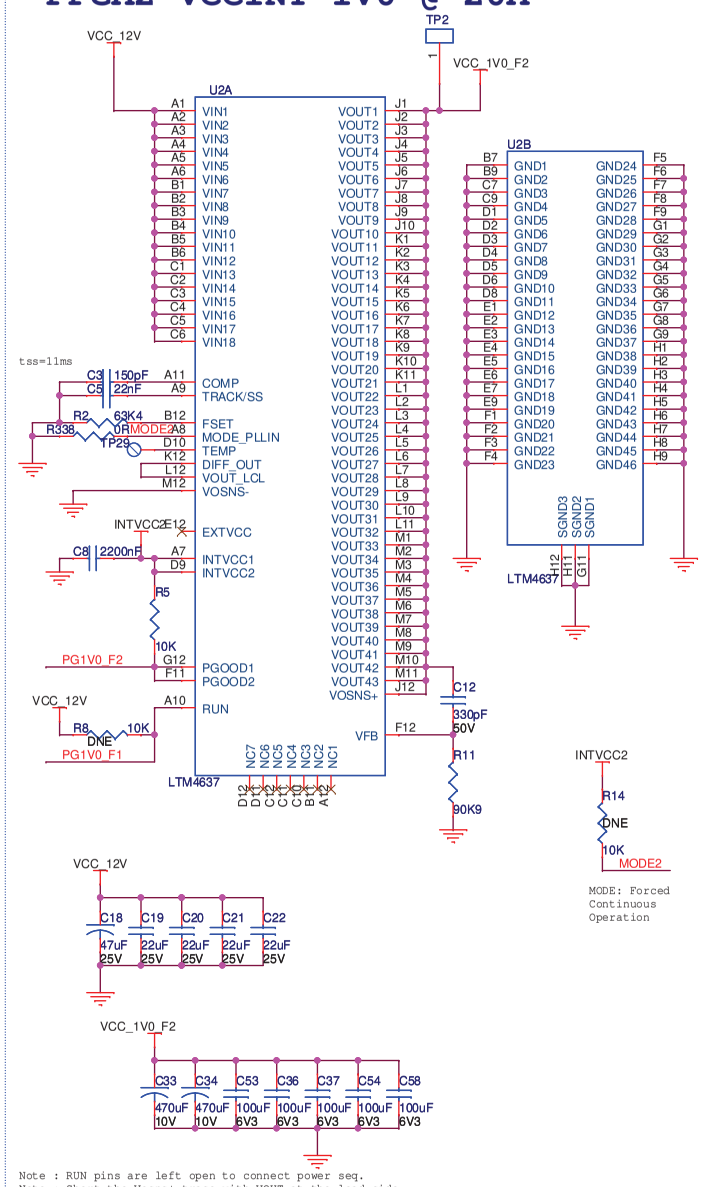
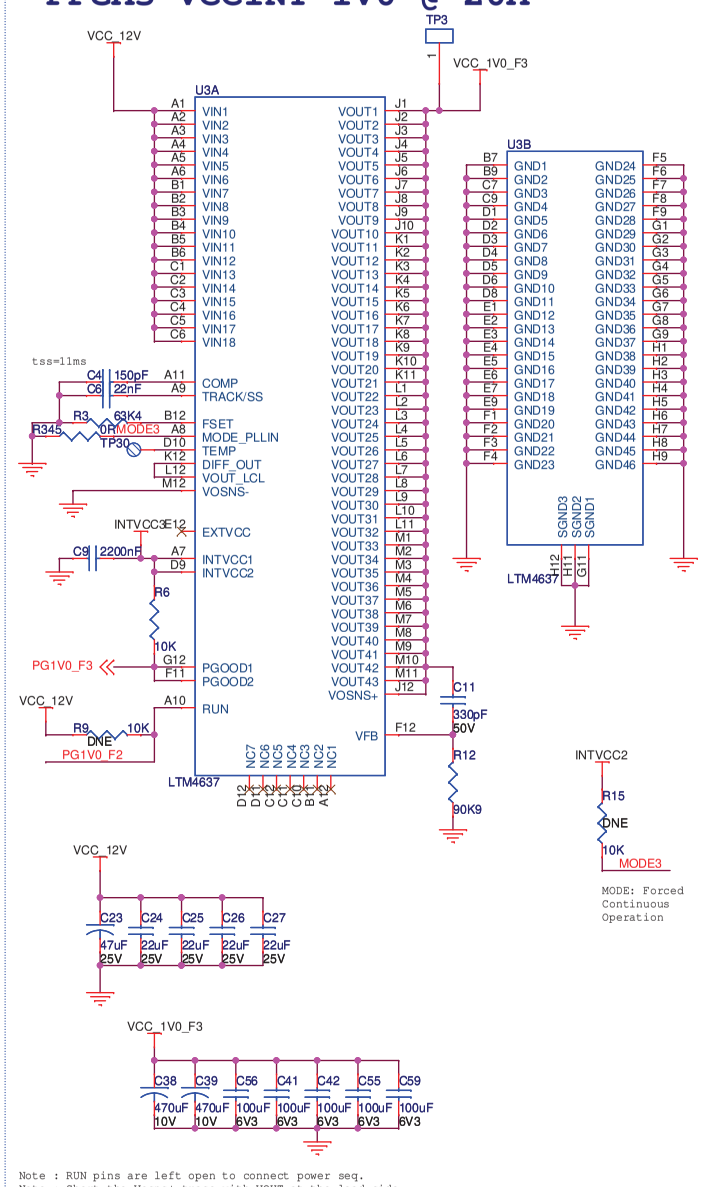
FPGA1 VCCINT 1V0 @ 20A



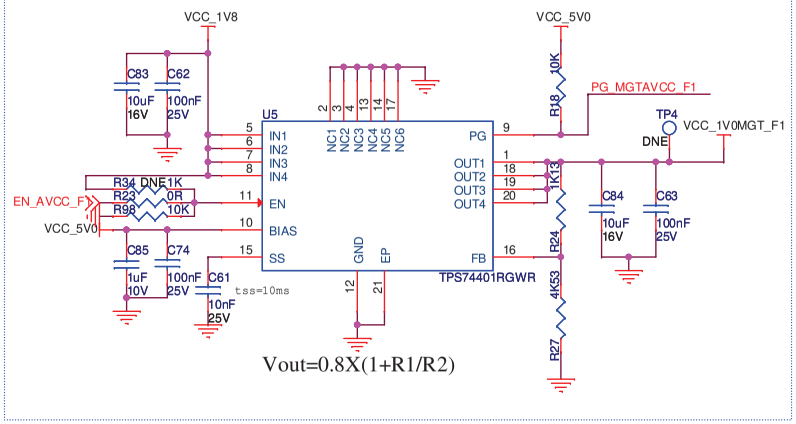
FPGA2 VCCINT 1V0 @ 20A



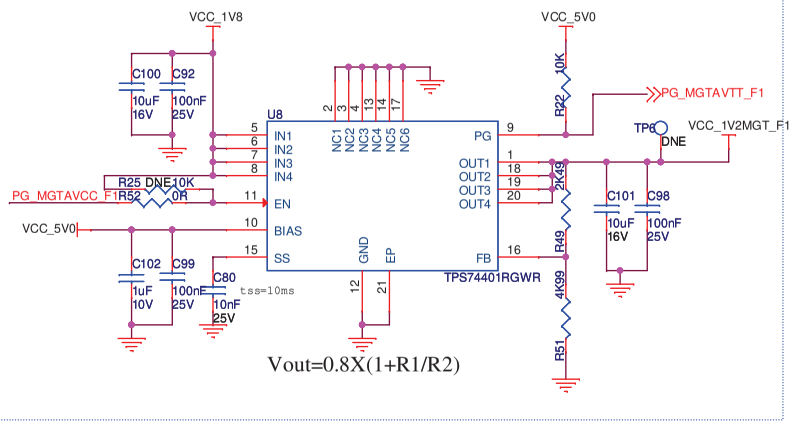
FPGA3 VCCINT 1V0 @ 20A



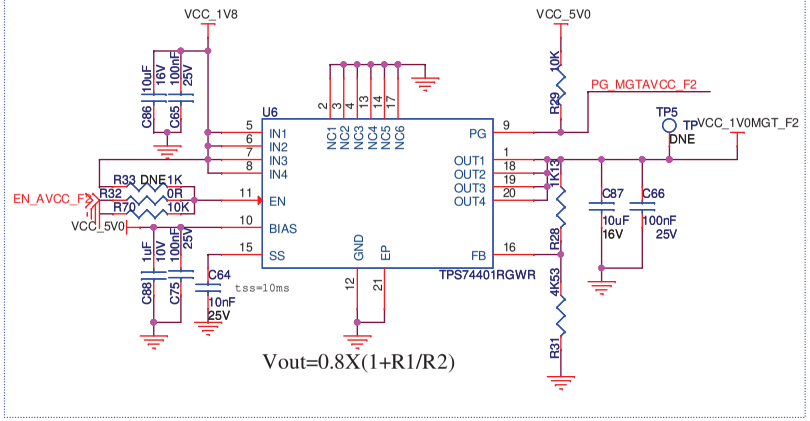
FPGA1 MGTAVCC 1.0V @ 3A



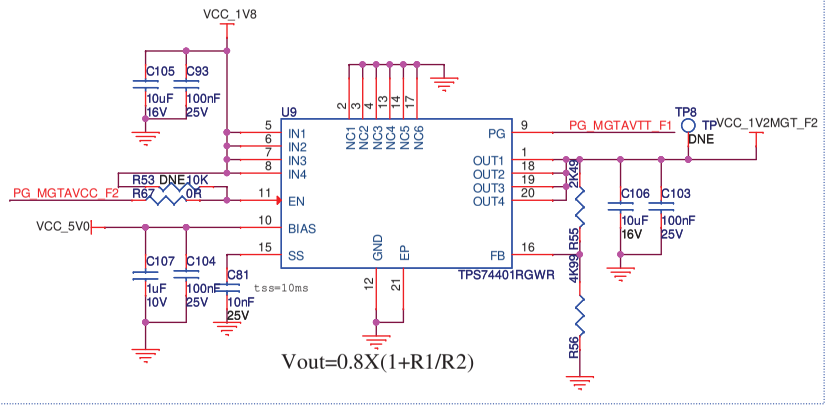
FPGA1 MGTAVTT 1.2V @ 3A



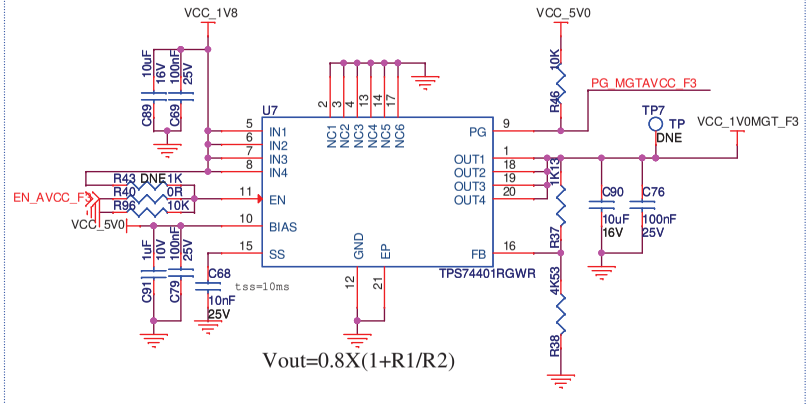
FPGA2 MGTAVCC 1.0V @ 3A



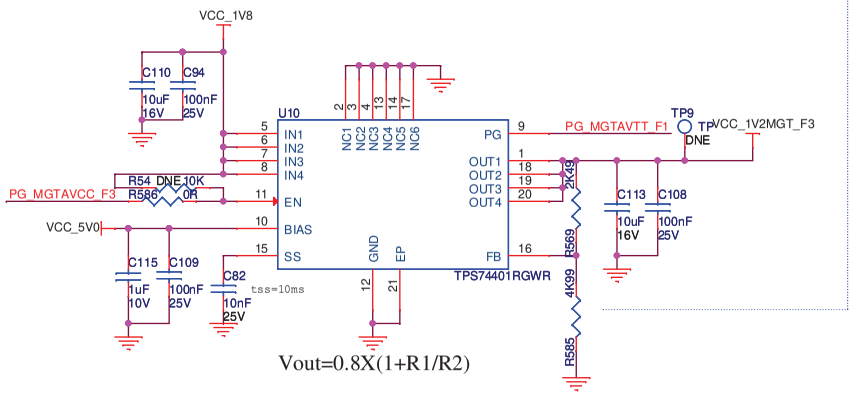
FPGA2 MGTAVTT 1.2V @ 3A



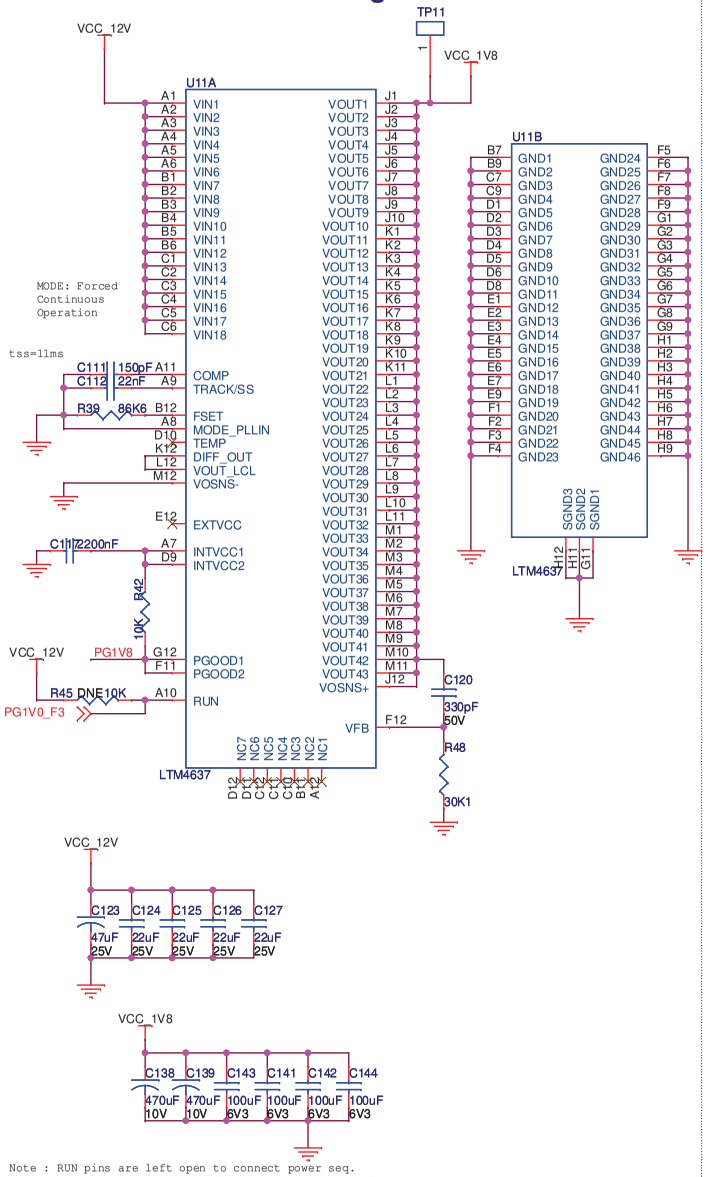
FPGA3 MGTAVCC 1.0V @ 3A



FPGA3 MGTAVTT 1.2V @ 3A

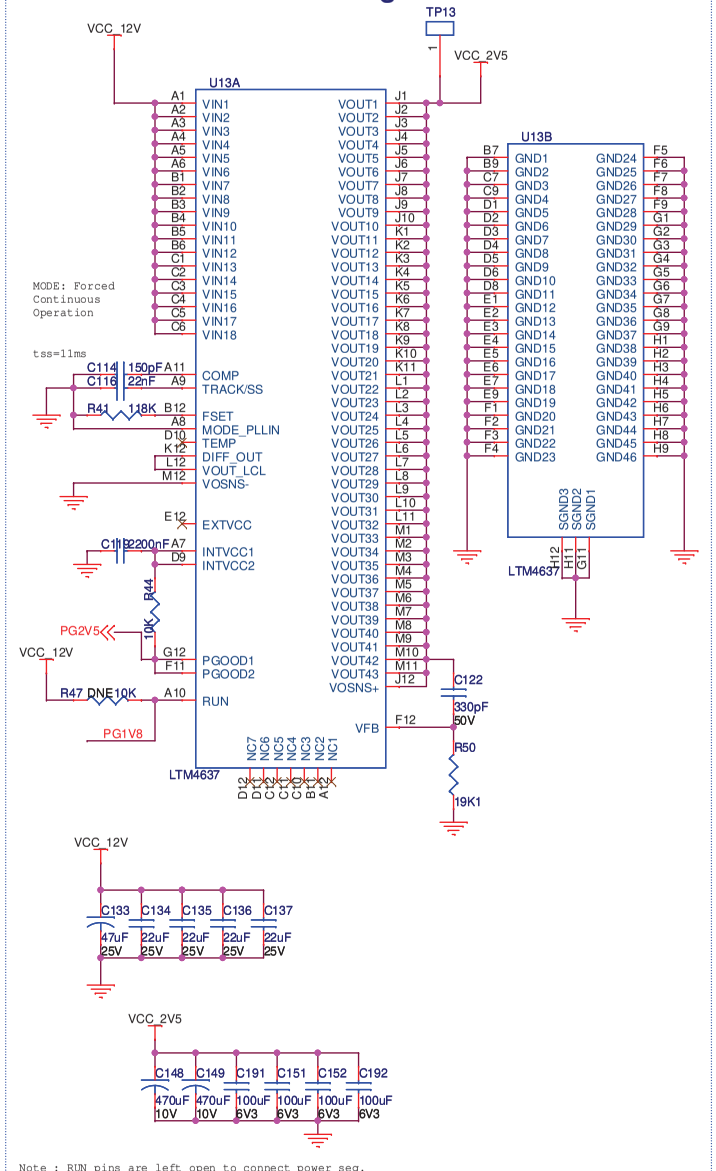


FPGA BANK 1.8V @ 20A

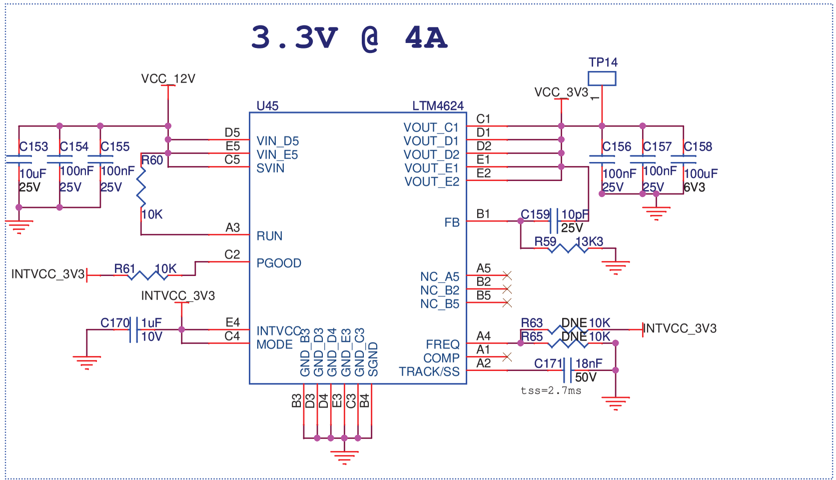


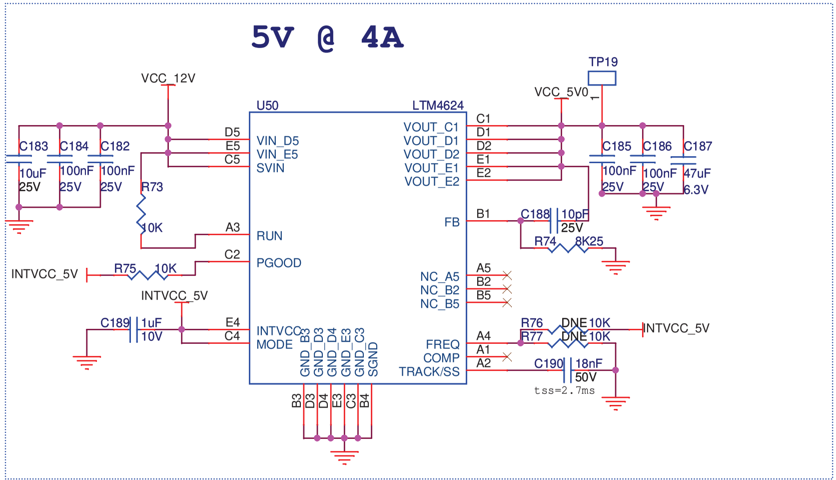
Note : RUN pins are left open to connect power seq.
Note : Short the Vosns+ trace with VOUT at the load side

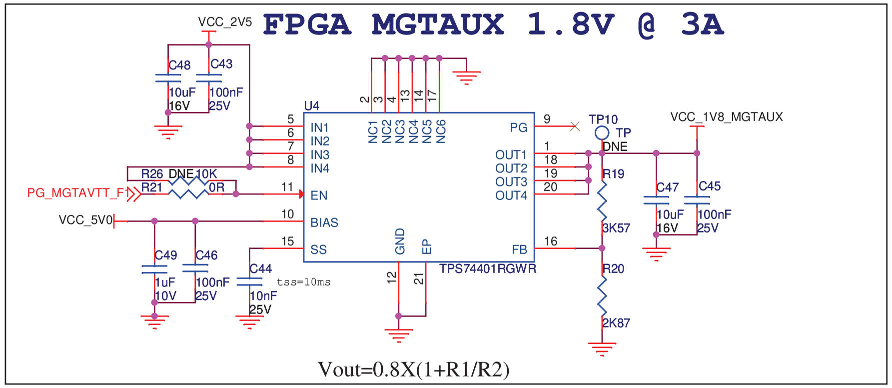
FPGA BANK 2.5V @ 20A

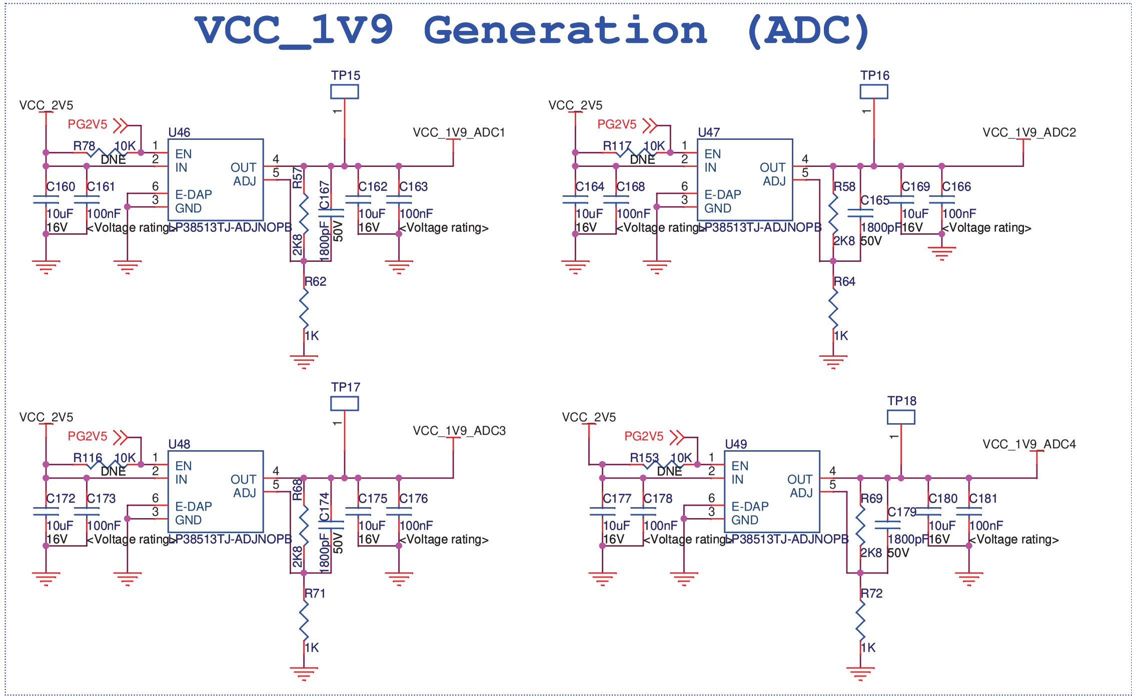


Note : RUN pins are left open to connect power seq.
Note : Short the Vosns+ trace with VOUT at the load side


3.3V @ 4A
U45
LTM4624
VCC_12V
VCC_3V3
TP14
VIN_D5
VIN_E5
SVIN
RUN
PGOOD
INTVCC
MODE
VOUT_C1
VOUT_D1
VOUT_D2
VOUT_E1
VOUT_E2
FB
NC_A5
NC_B2
NC_B5
FREQ
COMP
TRACK/SS
GND_B3
GND_D3
GND_D4
GND_E3
GND_C3
SGND
C153 10uF 25V
C154 100nF 25V
C155 100nF 25V
R60 10K
INTVCC_3V3
R61 10K
C170 1uF 10V
C156 100nF 25V
C157 100nF 25V
C158 100uF 6V3
C159 10pF 25V
R59 13K3
R63 DNE 10K
R65 DNE 10K
C171 18nF 50V
tss=2.7ms


5V @ 4A
U50
LTM4624
VCC_12V
VCC_5V0
TP19
VIN_D5
VIN_E5
SVIN
RUN
PGOOD
INTVCC
MODE
VOUT_C1
VOUT_D1
VOUT_D2
VOUT_E1
VOUT_E2
FB
NC_A5
NC_B2
NC_B5
FREQ
COMP
TRACK/SS
GND_B3
GND_D3
GND_D4
GND_E3
GND_C3
SGND
C183 10uF 25V
C184 100nF 25V
C182 100nF 25V
R73 10K
INTVCC_5V
R75 10K
C189 1uF 10V
C185 100nF 25V
C186 100nF 25V
C187 47uF 6.3V
C188 10pF 25V
R74 8K25
R76 DNE 10K
R77 DNE 10K
C190 18nF 50V
tss=2.7ms


FPGA MGTAUX 1.8V @ 3A
VCC_2V5
U4
TPS74401RGWR
IN1
IN2
IN3
IN4
EN
BIAS
SS
NC1
NC2
NC3
NC4
NC5
NC6
GND
EP
PG
OUT1
OUT2
OUT3
OUT4
FB
C48 10uF 16V
C43 100nF 25V
R26 DNE 10K
R21 0R
PG_MGTAVTT_F
VCC_5V0
C49 1uF 10V
C46 100nF 25V
C44 10nF 25V
tss=10ms
TP10 TP DNE
VCC_1V8_MGTAUX
R19 3K57
R20 2K87
C47 10uF 16V
C45 100nF 25V
Vout=0.8X(1+R1/R2)


VCC_1V9 Generation (ADC)
VCC_2V5
PG2V5
U46
R78 10K DNE
EN
IN
E-DAP
GND
OUT
ADJ
LP38513TJ-ADJNOPB
C160 10uF 16V
C161 100nF <Voltage rating>
TP15
VCC_1V9_ADC1
R57 2K8
C167 1800pF 50V
C162 10uF 16V
C163 100nF <Voltage rating>
R62 1K
U47
R117 10K DNE
C164 10uF 16V
C168 100nF <Voltage rating>
TP16
VCC_1V9_ADC2
R58 2K8
C165 1800pF 50V
C169 10uF 16V
C166 100nF <Voltage rating>
R64 1K
U48
R116 10K DNE
C172 10uF 16V
C173 100nF <Voltage rating>
TP17
VCC_1V9_ADC3
R68 2K8
C174 1800pF 50V
C175 10uF 16V
C176 100nF <Voltage rating>
R71 1K
U49
R153 10K DNE
C177 10uF 16V
C178 100nF <Voltage rating>
TP18
VCC_1V9_ADC4
R69 2K8
C179 1800pF 50V
C180 10uF 16V
C181 100nF <Voltage rating>
R72 1K