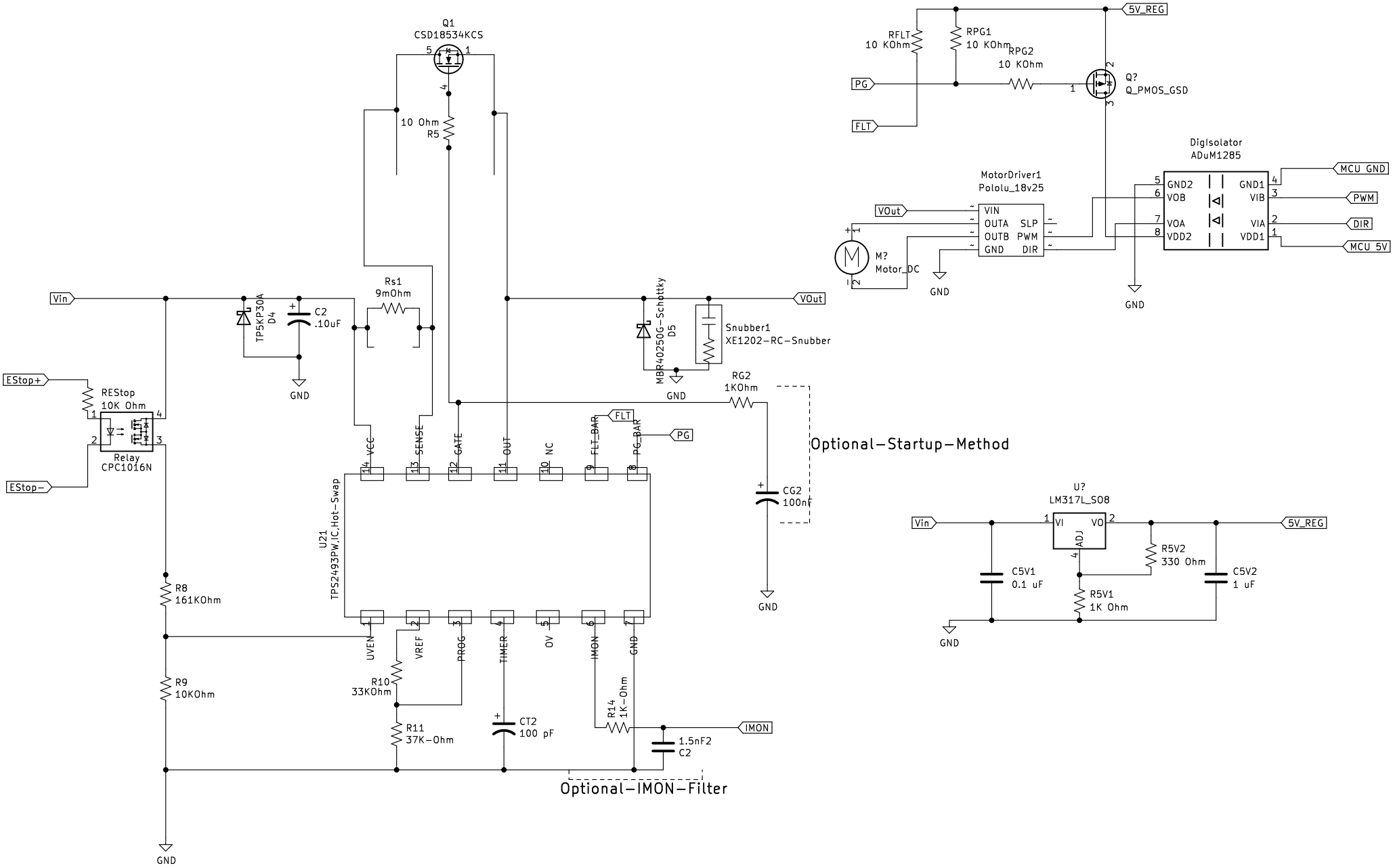
Q1
CSD18534KCS
10 Ohm
R5
Rs1
9mOhm
TP5KP30A
D4
C2
.10uF
GND
Vin
VOut
MBR40250G-Schottky
D5
Snubber1
XE1202-RC-Snubber
EStop+
EStop-
REStop
10K Ohm
Relay
CPC1016N
RG2
1KOhm
GND
Optional-Startup-Method
FLT
PG
U21
TPS2493PW/IC.Hot-Swap
VCC
SENSE
GATE
OUT
NC
FLT_BAR
PG_BAR
CG2
100nF
R8
161KOhm
R9
10KOhm
R10
33KOhm
R11
37K-Ohm
CT2
100 pF
R14
1K-Ohm
1.5nF2
C2
IMON
Optional-IMON-Filter
UVEN
VREF
PROG
TIMER
OV
IMON
GND
RFLT
10 KOhm
RPG1
10 KOhm
RPG2
10 KOhm
5V_REG
Q?
Q_PMOS_GSD
MotorDriver1
Pololu_18v25
VIN
OUTA
OUTB
GND
SLP
PWM
DIR
M?
Motor_DC
DigIsolator
ADuM1285
GND2
VOB
VOA
VDD2
GND1
VIB
VIA
VDD1
MCU GND
PWM
DIR
MCU 5V
U?
LM317L_SO8
VI
VO
ADJ
C5V1
0.1 uF
R5V2
330 Ohm
R5V1
1K Ohm
C5V2
1 uF