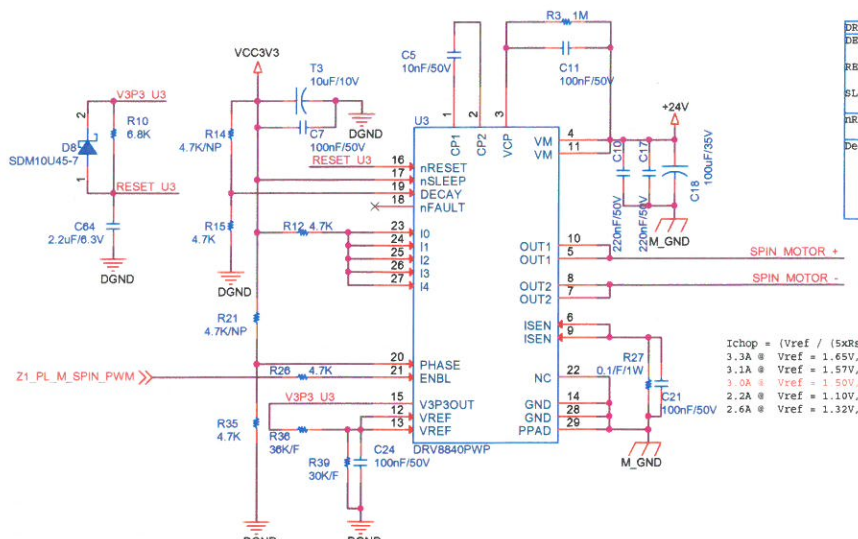
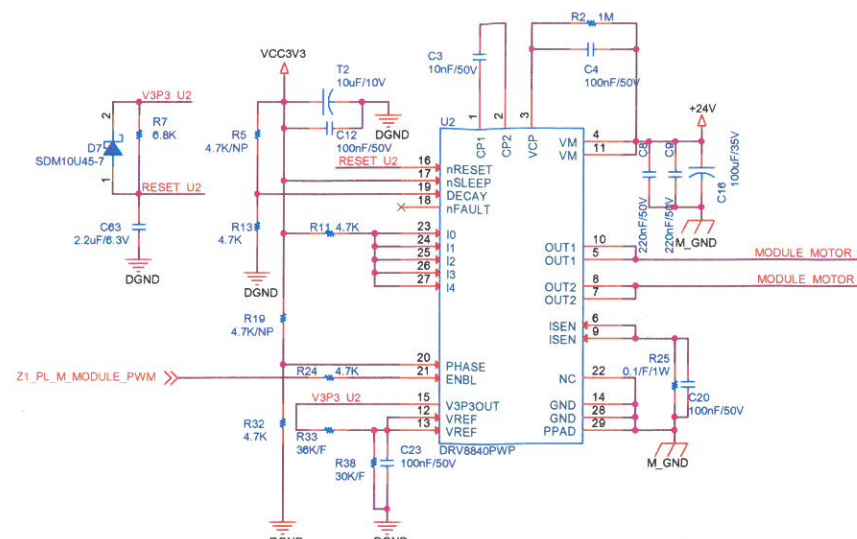
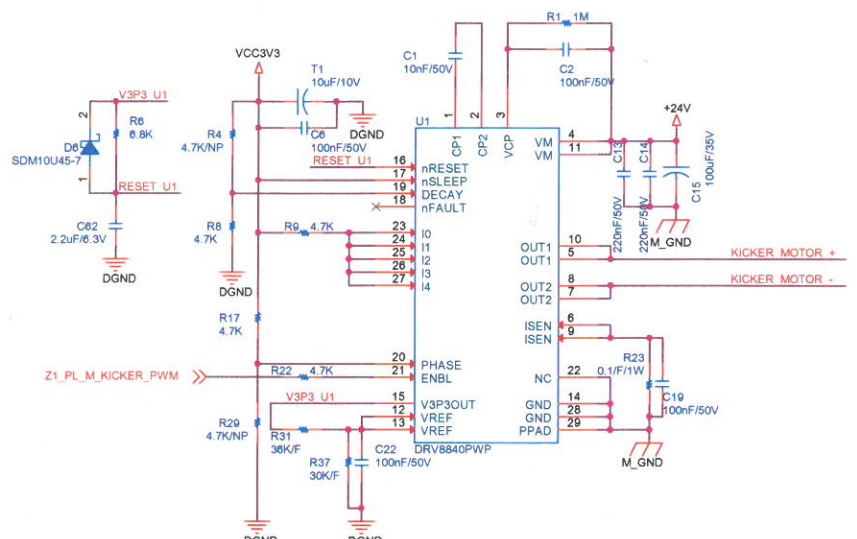
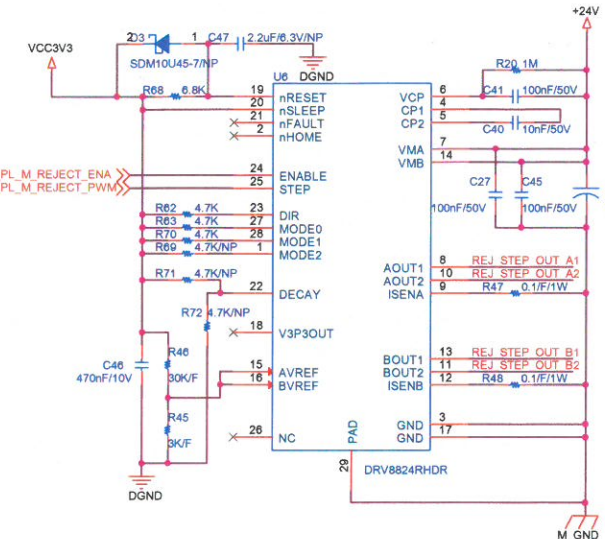
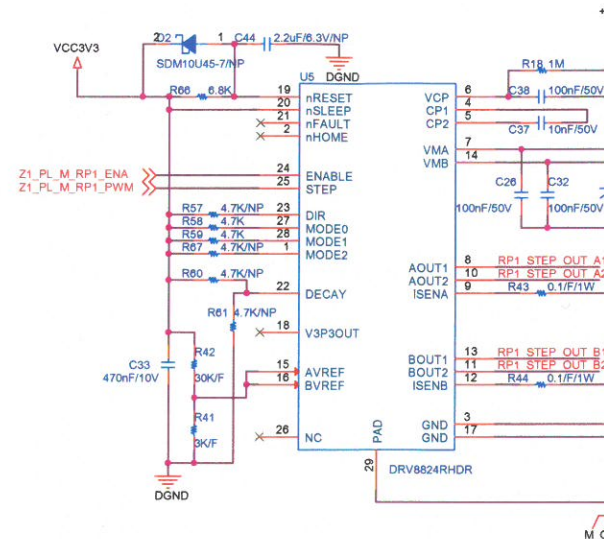
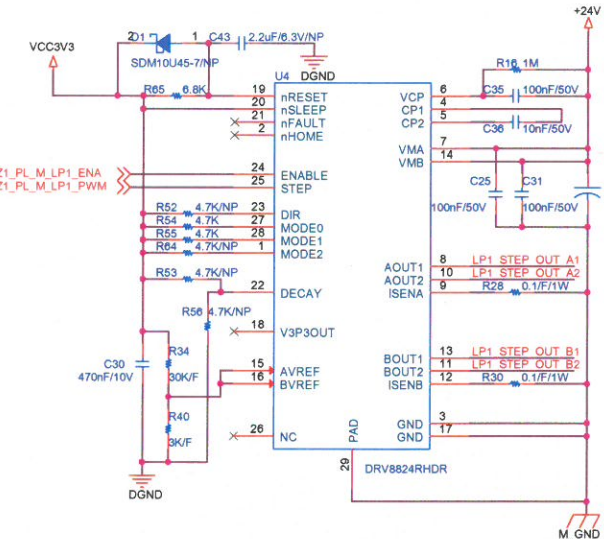




DRV8840
DECAY MODE '1' = FAST decay
'0' = SLOW decay
RESET MODE '1' = SET
'0' = RESET
SLEEP MODE '1' = NO
'0' = SLEEP
INTERNAL Pull-down 100k
Decay
130k Pull-up
80k Pull-down
open - mixed decay
High - Fast decay
Low - slow decay

$I_{chop} = (V_{ref} / (5 \times R_{sense})) \times Scale$
 3.3A @ $V_{ref} = 1.65V$, $R_{s} = 0.10\Omega$, $R_{36} = 30K$, $R_{39} = 30K$
 3.1A @ $V_{ref} = 1.57V$, $R_{s} = 0.10\Omega$, $R_{36} = 33K$, $R_{39} = 30K$
 2.9A @ $V_{ref} = 1.50V$, $R_{s} = 0.10\Omega$, $R_{36} = 36K$, $R_{39} = 30K$
 2.7A @ $V_{ref} = 1.42V$, $R_{s} = 0.10\Omega$, $R_{36} = 39K$, $R_{39} = 30K$
 2.5A @ $V_{ref} = 1.34V$, $R_{s} = 0.10\Omega$, $R_{36} = 42K$, $R_{39} = 30K$
 2.3A @ $V_{ref} = 1.26V$, $R_{s} = 0.10\Omega$, $R_{36} = 45K$, $R_{39} = 30K$
 2.1A @ $V_{ref} = 1.18V$, $R_{s} = 0.10\Omega$, $R_{36} = 48K$, $R_{39} = 30K$
 1.9A @ $V_{ref} = 1.10V$, $R_{s} = 0.10\Omega$, $R_{36} = 51K$, $R_{39} = 30K$
 1.7A @ $V_{ref} = 1.02V$, $R_{s} = 0.10\Omega$, $R_{36} = 54K$, $R_{39} = 30K$
 1.5A @ $V_{ref} = 0.94V$, $R_{s} = 0.10\Omega$, $R_{36} = 57K$, $R_{39} = 30K$
 1.3A @ $V_{ref} = 0.86V$, $R_{s} = 0.10\Omega$, $R_{36} = 60K$, $R_{39} = 30K$
 1.1A @ $V_{ref} = 0.78V$, $R_{s} = 0.10\Omega$, $R_{36} = 63K$, $R_{39} = 30K$
 0.9A @ $V_{ref} = 0.70V$, $R_{s} = 0.10\Omega$, $R_{36} = 66K$, $R_{39} = 30K$
 0.7A @ $V_{ref} = 0.62V$, $R_{s} = 0.10\Omega$, $R_{36} = 69K$, $R_{39} = 30K$
 0.5A @ $V_{ref} = 0.54V$, $R_{s} = 0.10\Omega$, $R_{36} = 72K$, $R_{39} = 30K$
 0.3A @ $V_{ref} = 0.46V$, $R_{s} = 0.10\Omega$, $R_{36} = 75K$, $R_{39} = 30K$
 0.1A @ $V_{ref} = 0.38V$, $R_{s} = 0.10\Omega$, $R_{36} = 78K$, $R_{39} = 30K$



DRV8824
STEP MODE '0,1,1' = 1/8 step
DECAY MODE '1' = FAST decay
'0' = SLOW decay
RESET MODE '1' = SET
'0' = RESET
SLEEP MODE '1' = NO
'0' = SLEEP
INTERNAL Pull-down 100k
Decay
130k Pull-up
80k Pull-down
open - mixed decay
High - Fast decay
Low - slow decay

$I_{chop} = (V_{ref} / (5 \times R_{sense}))$
 0.6A @ $V_{ref} = 0.3V$, $R_{s} = 0.10\Omega$, $R_{46} = 30K$, $R_{45} = 3K$

