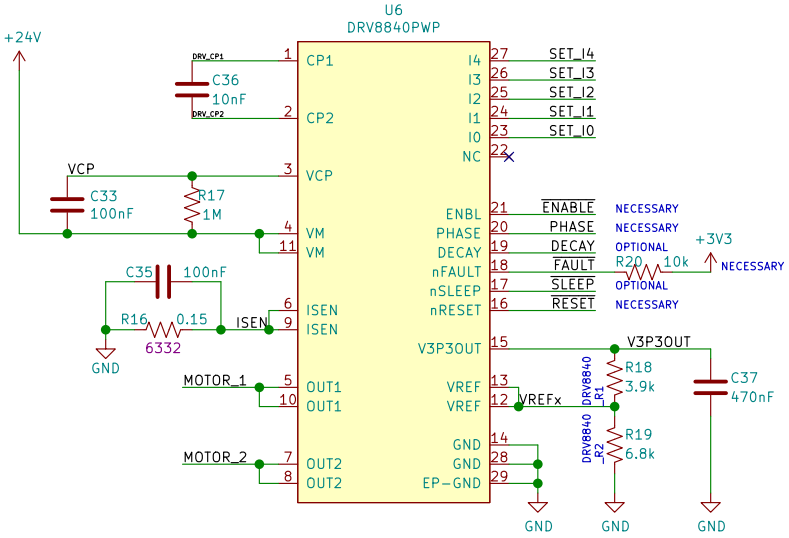
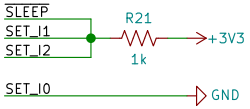
## Motor Control

24V, 2.8A, 4 levels current limit.

R1 : 3.90KΩ, R2 : 6.80KΩ, Vref : 2.0972V,  R_Isense : 0.1500Ω, I_MotorMax : 2.7963A, R_RequiredWatt : 1.17W

** See markdown  "docs/DRV8840_SurveyNote_R12RIsense.md"*

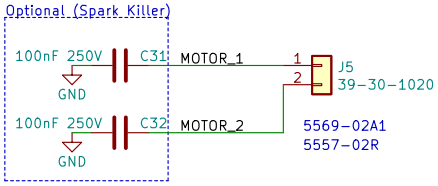


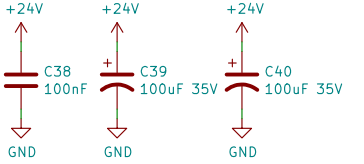




DRV8840-Current table 0Bzz110, 24V-Max2.7963A
00006 : 29% - 0.8109A (19.4622W)
0000e : 63% - 1.7617A (42.2801W)
00016 : 88% - 2.4607A (59.0579W)
0001e : 100% - 2.7963A (67.1112W)
SLVSAB7D page 11

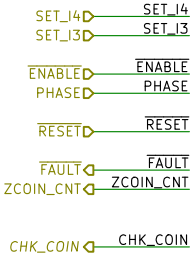

Fixed to slow-decay.
SLVSAB7D page 10


Fore More current over 1.8A(65%) , need heatsink.

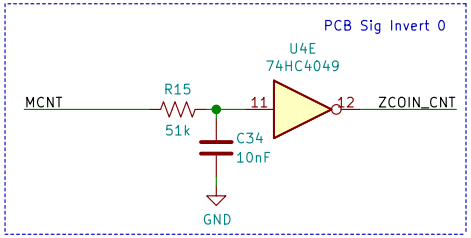


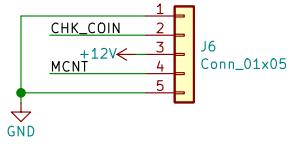




Peak Load : 24V-5A
Buck Capacitance : 200uF(50V)
Time to discharging /wo Charging Line : 9600μS
Driver IC - keep time to peak supply : t < 1μS




## Hopper Counter




CoinTap HW (Hopper Tap)
arcade amusement machine with WLAN.
IoT automation & statics support gadget for

**GPARK (Jinwoo Park pmnxis@gmail.com)**

Sheet: /Exchange/
File: Exchange.sch

**Title: Inputs & Motor Contrl & Hopper Input**

| Size: A4 | Date: 2020-08-23 | **Rev: HT 0.2** |
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