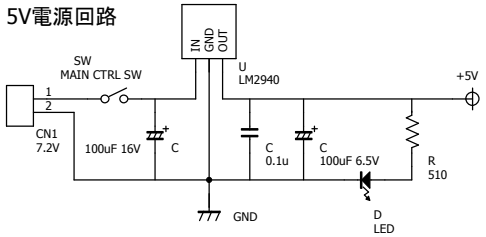
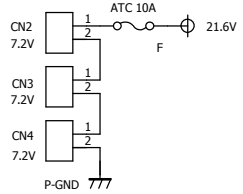
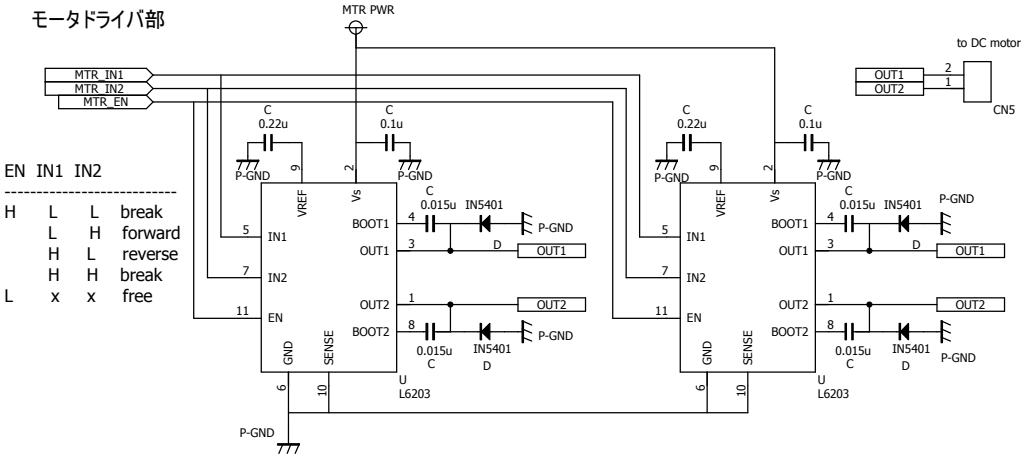
5V電源回路



21.6Vバッテリ接続部



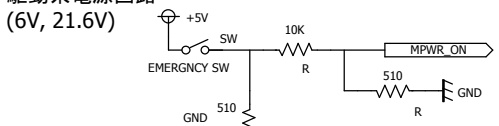
モータドライバ部

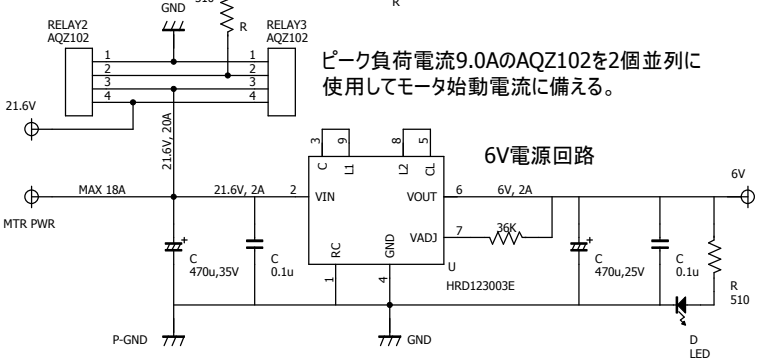


EN IN1 IN2

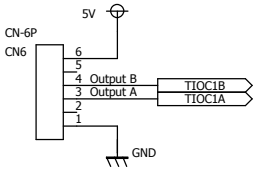
H	L	L	break
	L	H	forward
	H	L	reverse
	H	H	break
L	x	x	free

駆動系電源回路 (6V, 21.6V)

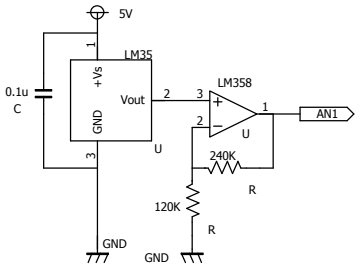




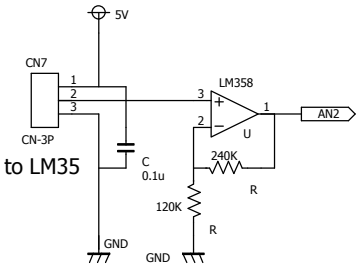
ロータリーエンコーダ EC202A100A 1000P/R



温度センサ（モータドライバIC用）

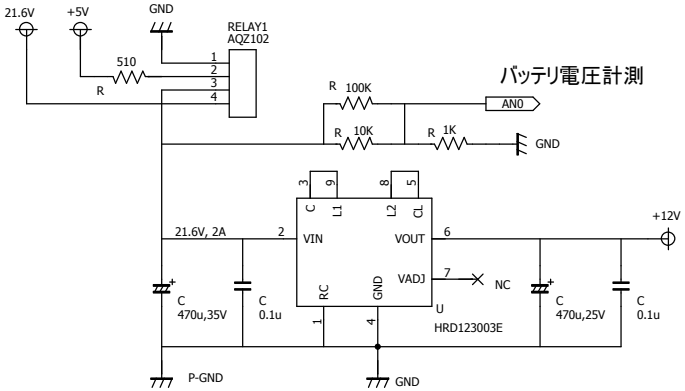


温度センサ（モータ用）

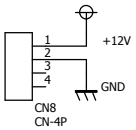


GAIN = 1 + 240K/120K = 3.0

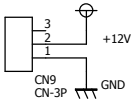
12V電源回路



LRF用12V電源



クーリングファン用12V電源



AUTHER: Takashi Tomiyama	TITLE: Cart Control Module for Tsukuba Challenge 2009		
	SIZE: A4	REVISION:	
DATE: 2009-04-18	DOC No.	SHEET: 1 OF 2	