

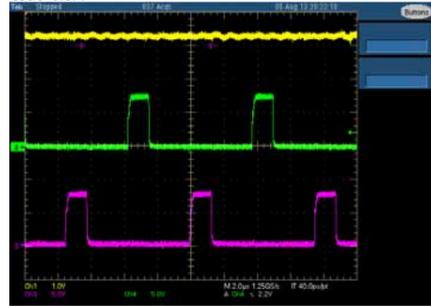
LM5030 評価ボード測定 (2013/08/05 Kinoshita)

CH1 黄色 Vout (3.3V)
 CH3 桃色 Q1ゲート
 CH4 緑色 Q2ゲート
 電子負荷 (CCモード)にて測定

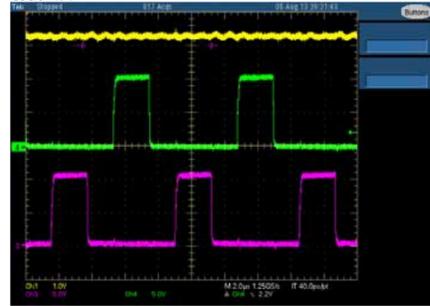
(結果)
 Dutyが狭くなっていくと、PushとPullのON時間がアンバランスとなる条件がある模様。

直流電源 ZX-400L (Takasago)
 電子負荷 ESL-120 (Takasago)

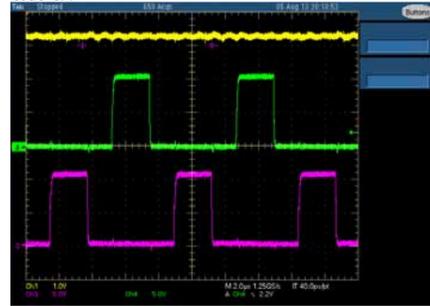
Vin=36V
Iout=0.3A



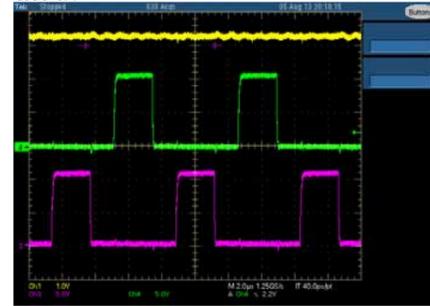
Vin=36V
Iout=1A



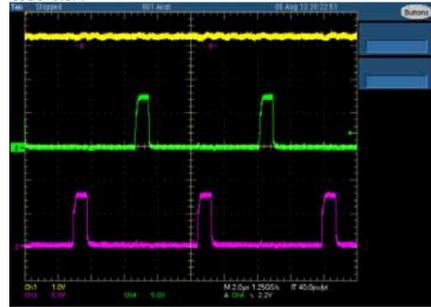
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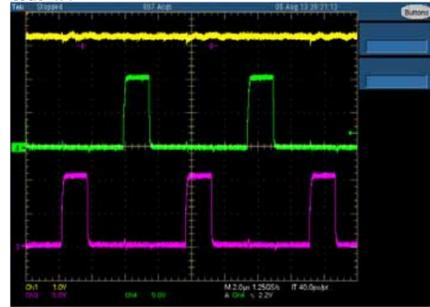
Vin=36V
Iout=5A



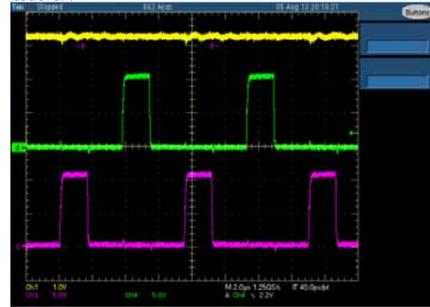
Vin=49V
Iout=0.3A



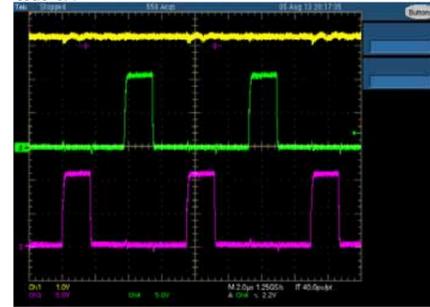
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Iout=1A



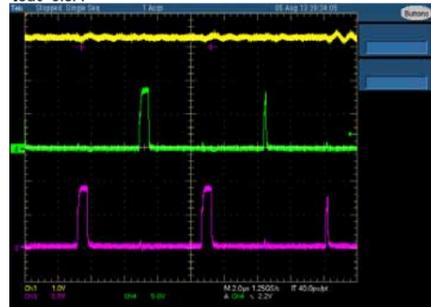
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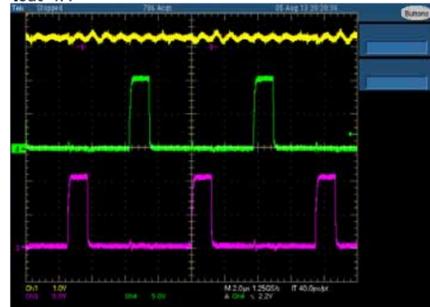
Vin=49V
Iout=5A



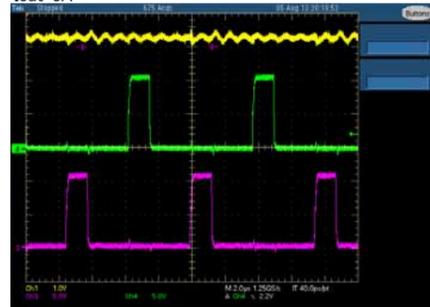
Vin=62V
Iout=0.3A PushとPullのON時間が乱れ始める。



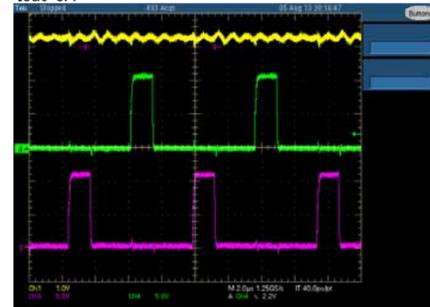
Vin=62V
Iout=1A



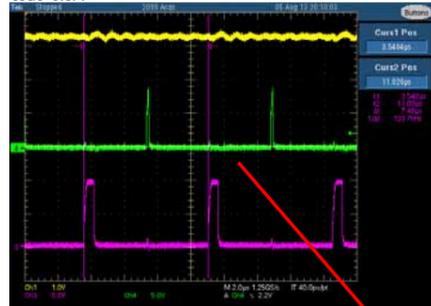
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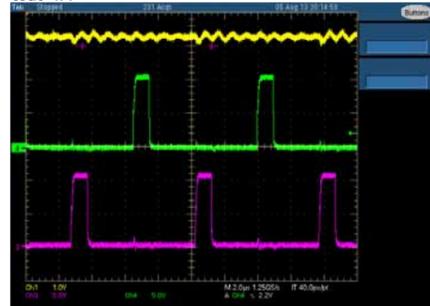
Vin=62V
Iout=5A



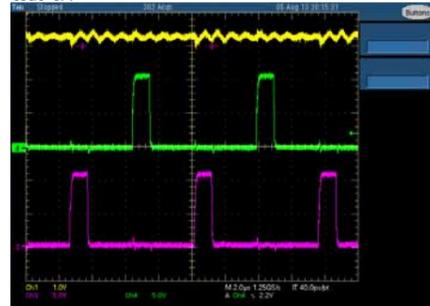
Vin=75V
Iout=0.3A PushとPullのON時間が異なる。



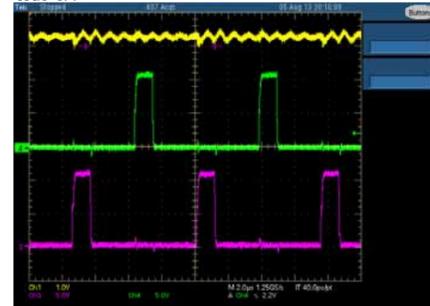
Vin=75V
Iout=1A



Vin=75V
Iout=3A



Vin=75V
Iout=5A



たまにON時間が同じになる時もあるが、ほぼ一定してアンバランスな状態となって