



[Comment from John-san]

When a LED string is disconnected, the emitter voltage of the external BJT drops and the LM3431 pushes the base current to the maximum in order to maintain current regulation. The external BJT must be switched off to avoid pulling the CFB pin voltage low when a output channel is not used. This can be done by pulling the SNSx pin voltage up to exceed its internal reference voltage, **but you need an extra resistor between the SNSx pin and the current sensing resistor.**

[Question]

I understand that you gave advice to add extra resistor here if VC2 and VC3 are disconnected from 3 string operation. Is my understanding correct?