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Forum: [綜合應用](#)

Topic: [請教USB3751A-2-A4-TR如何解除100mA的限制](#)

Subject: Re: [請教USB3751A-2-A4-TR如何解除100mA的限制](#)

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我剛得到同事的回覆如下:

Please client kindly have a look at USB3751 datasheet again.

<http://ww1.microchip.com/downloads/en/DeviceDoc/00001824A.pdf>

附加檔案:

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- Dead Battery Provision Support (USB375x-1 only)
  - Allows 100 mA trickle charging from VBUS when attached to a Standard Downstream Port (SDP) while not enumerated
  - Built-in 100mA current limiting option

To support the device dead battery conditions as defined in the USB Battery Charging Specification, Revision 1.2, the USB375x-1 has the ability to drive  $V_{DAT\_SRC}$  on DP which allows a device with a dead battery to draw 100mA from a USB host. This will allow a device to charge a dead battery without violating the USB specifications. The USB375x-1 also includes a current limit to prevent the unconfigured current from exceeding 100mA. Note, this feature is not available with the USB375x-2.