VBUS ──────→ **FETs**

R10 82k

47k

VBUS ──────→ **FETs**

R10 82k

Voltage sufficient
Cut battery
Notify MCU

Cut battery
Voltage sufficient
Notify MCU

Notify MCU
Connect battery
Voltage insufficient

Notify MCU
Voltage insufficient
Connect battery

—— **USB voltage**
—— **Minimum regulator input voltage**
—— **Battery cut–off threshold**
—— **USB_nSENSE threshold**