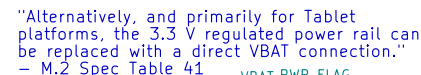


2.1 Interface settings

Find AT Command to set TX Power
Not TXPWR Parameter (read-only)!
Module does not have DPR

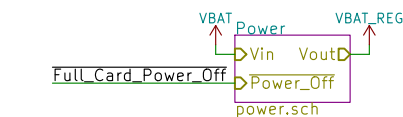


Can be swapped
around in layout

W_DISABLE1
External Circuit
mPCIe Figure 5
W_DISABLE1 VBAT_REG
USB_VBUS
Module Table 30 &
mPCIe 3.6 note 2
says this is fine

- Can transmit PCM data over USB!
- CLK xtrnl NC Cap to GND

Suggests NAU8810 CODEC
with SIM7100 connected
to I2C?



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Port Configuration 3 / State 7
(Audio + HSIC, no GNSS)

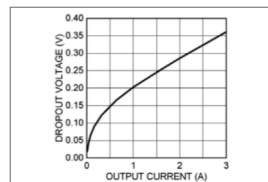


FIGURE 2-22: MIC2930x Dropout Voltage vs. Output Current.

Adjustable characteristics not given likely similar to this one:

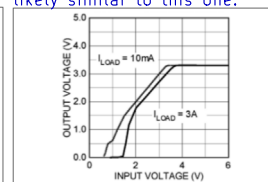
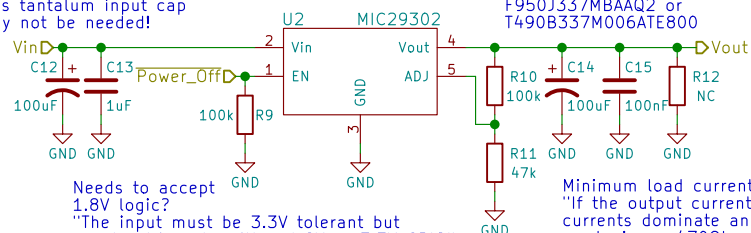


FIGURE 2-24: MIC29300-3.3 Dropout Characteristics.

This tantalum input cap may not be needed!



Needs to accept 1.8V logic?
"The input must be 3.3V tolerant but can be driven by either 1.8V or 3.3V GPIO"
How about BTO/CTO, specify that it requires 3.3V and user can levelshift
VIH_min=2.4V

Figure 9 shows a 330uF output cap could use instead:
F950J337MBAAQ2 or
T490B337M006ATE800

Minimum load current = 7mA
"If the output current is too small, leakage currents dominate and the output voltage rises"
= placing a 4700hm resistor on the output can ensure that the output voltage doesn't drastically increase when place in <5mA sleep mode

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