



Ethernet PHY: VDDA2P5=2.5V, I<sub>max</sub>=137mA

LDO U18 Power In=2.5V, I<sub>max</sub>=886mA

Total: I<sub>max</sub>= 137mA + 886mA = 1023mA

Power Consumption: (3.3V-2.5V) \* 1.023A = 0.8184W

Thermal Junction-to-ambient: 0.8184W \* 44.2°C/W=36.17°C