Modem power requirement
Max. average current = 200 mA
1500 mA max for 10 ms (TX)
then < 100 mA for long time

Controls 5V to modem ramp rate

Maximum of 200 mVs slump when modem TX turned on
1500 mA for 10 ms

RF Connectors

Right Angle
SMA

Modem
MMCX

GPS

Antenna

Tyco part #
5-1814400-1
A07593-ND

Samtec part #
MMCX-P-P-H-ST-THI

3.3V Reg.

Network Ready
LED

Technologic Systems
Date Jan. 12, 2011
Title: Power Supplies and Modem Socket
Rev. A Designer RLM Sheet 2 of 2