PC/104
64-pin Connector

Address Decode
5V Power Supply (3.0 Amps)

Input Power
5.0V to 30V

Battery Charging
LEDs

3.3V Reg.

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Low Battery Detector

Boost Regulator

Battery Latch

Technologic Systems
Battery Charger

Charging Current
2K = 500 mA
4K = 250 mA

“FC” suffix = 4.2V and 6 hour timer
Red ON = Charging
Green ON = Charge Complete
Both off = Fault

NTS65 MS6104PPSW
Mura
SME Thermistor
NCP160H08F03RB

5V IN Fail Detector

To Battery

Molec 0822035025

Causes "switch over" to Battery BU mode

Right Angle Push Switch

Battery BU ON/OFF

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