|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Power Supply** | **Battery/System** | **Voltage Setting (V)** | **OVP (V)** | **Current Limit (A)** | **Red/Green Limits** | |
| Voltage | Current |
| POWER SUPPLY 1 | AV Batt | 1.0 | 1.0 | 1.0 | 1 | 1 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PWR SPLY** | **BATTERY** | **PCD Channel** | **Components** | **Current** | **Range** |
| POWER SUPPLY 1 | AV Batt | FC PCD0 | Avionics FC | 3.0 | 2.8-3.2 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Power Supply** | **Battery/System** | **Voltage Setting (V)** | **OVP (V)** | **Current Settinng (A)** | **Current Limit (A)** | **Red/Green Limits** | |
| Voltage | Current |
| POWER SUPPLY 1 | AV Batt | 40.2 | 43.5 | 1.25 | 1.6 | 39.5...43.0 | 1.2...1.5 |

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| --- | --- | --- | --- |
| **GSE NET DEVICE** | **IP ADDRESS** | **SUB NET MASK** | **HOST NAME** |
| UEI DAQ 1 | 157.33.15.41 | 255.255.000.000 | UEIDAQ1 |

|  |  |
| --- | --- |
| **BATTERY** | **Serial Address** |
| AV Batt | 0x21h (33 dec) |

|  |  |
| --- | --- |
| **DEVICE** | **Sampling Rate** |
| Avionics FC | 1 Hz |

|  |  |
| --- | --- |
| **DEVICE** | **IP Address** |
| CSE Server ETH1 | 192.168.80.15 |

|  |  |  |
| --- | --- | --- |
| **BATTERY** | **CAPACITY** | **DISCHARGE CURRENT (A)** |
| AV Batt | 3.0 AHr | 2.0 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **BATTERY** | **PS V (V)** | **UEI V (V)** | **BAT V (V)** | **CELL (V)** | **TEMP (DEG C)** | **LOAD V (V)** | **LOAD I (A)** |
| AV Batt | 32.0 – 43.0 | 24.0-32.0 | 24.0-32.0 | 2.1-4.3 | 15-45 | 15.0-35.3 | 1.4-2.1 |

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| --- | --- | --- | --- | --- | --- | --- |
| **POWER SUPPLY** | **BATTERY/SYSTEM** | **DEVICES** | **EXT PWR** | **BATT CHG** | **CONTROL** | **MONITOR** |
| POWER SUPPLY 1 |  | 1 | 1 | 1 | 1 | 1 |
| POWER SUPPLY 1 |  | 1 | 1 | 1 | 1 | 1 |
| POWER SUPPLY 1 | AV Batt, IMU Batt | 1 | 1 | 1 | 1 | 1 |
| POWER SUPPLY 1 | AV Batt, IMU Batt |  | x | x | x | x |
| POWER SUPPLY 2 | TLM Batt, S2 Batt | S2 Batt, Telemetry Controller | x | x | x | x |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Power Supply** | **Battery/System** | **Voltage Setting (V)** | **OVP (V)** | **Current Settinng (A)** | **Current Limit (A)** | **Red/Green Limits** | |
| Voltage | Current |
| POWER SUPPLY 1 | AV Batt | 30.0 | 35.8 | 35.0 | 8.0 | 26.5...30.2 | 2.5...2.9 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PWR SPLY** | **BATTERY** | **COMPONENT** | **EXT PWR** | **INT PWR** | **Red/Green Limits** | | | |
| BUS V LOW | BUS V HIGH | BUS I LOW | BUS I HIGH |
| POWER SUPPLY 1 | AV Batt | AV Eth Switch | x | x | 27.0 | 34.0 | 1.4 | 1.8 |

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| **[DAQ-Digital]** | | | |
| **BIT** | **PIN** | **SIGNAL** | **INITIAL** |

|  |  |  |  |
| --- | --- | --- | --- |
| **DAQ 1 Layer 1** | | | |
| **BIT** | **PIN** | **SIGNAL** | **INITIAL** |

|  |  |  |  |
| --- | --- | --- | --- |
| **DAQ 1 Layer 2** | | | |
| **BIT** | **PIN** | **SIGNAL** | **INITIAL** |

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| **DAQ 2 Layer 1** | | | |
| **BIT** | **PIN** | **SIGNAL** | **INITIAL** |

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| --- | --- | --- | --- |
| **DAQ 2 Layer 3** | | | |
| **BIT** | **PIN** | **SIGNAL** | **INITIAL** |