



Legends for LED Lights on

ICE-BLOCK

ICE-COOLER

ICE-POD8(A2Dm18)



ICE-BLOCK LED Breakout

BLOCK LEDs	Description	LED Color
S0	Fan Fault	Red
S1	12V Fault	Red
S2	Over Temperature Fault	Red
S3	Network Port 0 Activity	Green
S4	Network Port 0 Link	Green
S5	Network Port 1 Activity	Green
S6	Network Port 1 Link	Green
S7	PIC2 Link Status	Green
S8	PIC1 Link Status	Green
S9	CPU Link Status	Green
S10	Network Link Status	Green
S11	Power Good	Green
S12	PCIe J1 Link Status	Green
S13	PCIe J1 QSFP+ Module Detect	Green
S14	PCIe J0 Link Status	Green
S15	PCIe J0 QSFP+ Module Detect	Green
PIC LEDS		
P0	Slot 1 Status LED	Green/Red
P1	Slot 1 TX LED	Green
P2	Slot 0 Status LED	Green/Red
P3	Slot 0 TX LED	Green

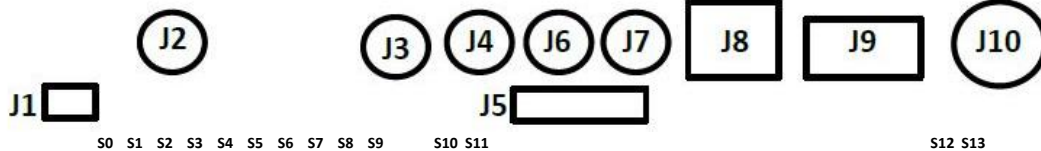
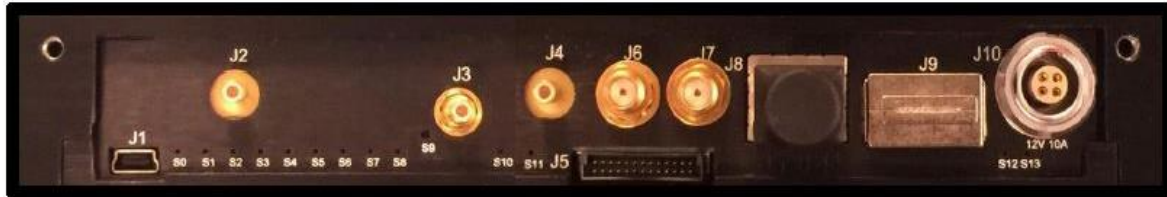


ICE-COOLER LED Breakout

COOLER LEDs	Description	LED Color
S1	PCIe J0 QSFP+ Module Detect	Green
S2	PCIe J1 QSFP+ Module Detect	Green
S3	PCIe J0 Link Status	Green
S4	PCIe J1 Link Status	Green
S5	PCIe J2 QSFP+ Module Detect	Green
S6	PCIe J3 QSFP+ Module Detect	Green
S7	PCIe J2 Link Status	Green
S8	PCIe J3 Link Status	Green
S9	Power Good	Green
S10	Slot 0 Lower x8 Link Status	Green
S11	Slot 0 Upper x8 Link Status (Not Used)	Green
S12	Slot 1 Lower x8 Link Status	Green
S13	Slot 1 Upper x8 Link Status (Not Used)	Green
S14	Fan Fault	Red
S15	PCIe Link Error	Red
S16	Over Temperature Fault	Red
S17	12V Fault	Red
PIC LEDS		
P0	Slot 1 Status LED	Green/Red
P1	Slot 1 TX LED	Green
P2	Slot 0 Status LED	Green/Red
P3	Slot 0 TX LED	Green

ICE-POD8 LED Breakout

With A2Dm18 Installed



J1 – USB	USB 2 Port 500 milliamps Max
J2 – A2Dm18 PPS Port In	1 Pulse Per Second 3.3V input port SMB
J3 – IRIG Input Port	Factory configured for DC IRIG-B002 Time code input
J4 – A2Dm18 10MHz Ref In	Reference Port in for 10MHz Reference 1V P-P
J5 – N/A	Factory Use only
J6 – A2Dm18 Analog In Port 2	Analog Input to port 2 of A2Dm18
J7 – A2Dm18 Analog In Port 1	Analog Input to port 1 of A2Dm18
J8 – Ethernet 1GbE	Ethernet Port (Primary control port)
J9 – QSFP+ Port	40 GbE Data Port (Activity and Link Lights S12 and S13)
J10 – Power	LEMO Locking 12V Power Port
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S0 – Off or Green	Power is good on the entire unit.
S1 – Off or Red	CPU S3 (Sleep state) This Light will turn on if embedded computer is put in S3 Sleep state or if the computer is Powered off
S2 – Off or Green	Embedded Computer PCIe Port is Good
S3 – Off or Green	Intel 40 GbE PCIe Port Status is Good
S4 – Off or Green	ICE-K8/ICE-A8 PCIe Port Status is Good
S5 – Off or Green	Not applicable when storage is not present Storage PCIe Port 1 Good (For ICEPOD8s with Storage included)
S6 – Off or Green	Not applicable when storage is not present Storage PCIe Port 2 Good (For ICEPOD8s with Storage included)
S7 – Off or Green	Not applicable when storage is not present Storage PCIe Port 3 Good (For ICEPOD8s with Storage included)
S8 – Off or Green	Not applicable when storage is not present Storage PCIe Port 4 Good (For ICEPOD8s with Storage included)
S9 – Off or Dual Red/Green	ICE-K8/ICE-A8 Heartbeat LED Green – Blinking Once per second = PCIe Gen 1 speed Green – Blinking Twice a second = PCIe Gen 2 Green – Blinking Three times a second = PCIe Gen 3 Red Flickering indicate card is actively processing data
S10 – Off or Red	Temperature Fault
S11 – Off or Red	Over/Under Voltage Fault RED
S12 – Off or Green	QSFP+ Port Activity
S13 – Off or Green	QSFP+ Port Link