

LCLS Magnet EPSC Network Nodes

Ethernet Power Supply Controller Network Nodes

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Manuf	SLAC
Model	EPSC
No of LAN Ports	1
No of Serial Ports	1
LAN Speed	100 BaseT
Design Engineer	Dave MacNair
	Serial Port Configuration
	Firmware

EPSC Serial Cables		
Drawing No	To	
XXXXX	EPS C	Digi TS16
	EPS C	PC Serial Port

Port Configurations					
Speed	Data-bits	Stop-bits	Parity	Hw Flow Ctrl In	Hw Flow Ctrl Out
115200	8-bit	1	No	No	No

Note: IP Address must be in the Internet Free Zone (IFZ).

Table 1.0					
Development					
Subnet: LCLSDEV					
Default Gateway: ??					
Subnet Mask: 255.255.252.0					
Node Names	IP Addr	Firmware Version	Location	locConsole Alias	EPSC Device Name
lclsdev-13	134.79.219.43	060711	B280A, Rm288	EPSC	

Table 1.1								
Production								
Subnet	LCLSINST							
Default Gateway Node Name: rtrg-lclsinst.slac.stanford.edu								
Default Gateway Ip Address: 172.27.12.1								
Subnet Mask: 255.255.252.0								
Area	Node Names	IP Addr	Firmware Version	Rack Location	locConsole Alias	EPSC Device Name	Magnet Device Name	Network Traffic
Injector	psc-in20-mg01	172.27.13.110	060711	LKG-0135	BX01	PSC:IN20:MG01	BEND:IN20:661	x
Injector	psc-in20-mg02	172.27.13.111	060711	LKG-0133	BXH1	PSC:IN20:MG02	BEND:IN20:451	x
Injector	psc-in20-mg03	172.27.13.112	060711	LKG-0237	BXS	PSC:IN20:MG03	BEND:IN20:931	x
Injector	psc-in20-mg04	172.27.13.113	060711	LKG-0235	SOL1	PSC:IN20:MG04	SOLN:IN20:121	x
Injector	psc-in20-mg05	172.27.13.114	060711	LKG-0233	SOL2	PSC:IN20:MG05	SOLN:IN20:311	x
BC1	psc-li21-mg01	172.27.13.115	060711	LKG-0633	BX11	PSC:LI21:MG01	BEND:LI21:215	x

LI24	psc-li24-mg01							
LI25	psc-li25-mg01							
LI25	psc-li25-mg02							
LI25	psc-li25-mg03							
LI25	psc-bsy1-mg01							
LI25	psc-bsy1-mg02							
LI25	psc-bsy1-mg03							
LTU1	psc-ltu1-mg01							
LTU1	psc-ltu1-mg02							
LTU1	psc-ltu1-mg03							
LTU1	psc-ltu1-mg04							
LTU1	psc-ltu1-mg05							
LTU2	psc-ltu2-mg01							
LTU2	psc-ltu2-mg02							
LTU2	psc-ltu2-mg03							
LTU2	psc-ltu2-mg04							
LTU2	psc-ltu2-mg05							
LTU2	psc-ltu2-mg06							
LTU2	psc-ltu2-mg07							
LTU3	psc-ltu3-mg01							
LTU3	psc-ltu3-mg02							
LTU3	psc-ltu3-mg03							
LTU3	psc-ltu3-mg04							
Dump	psc-dmp1-mg01							
Dump	psc-dmp1-mg02							
Dump	psc-dmp1-mg03							
Dump	psc-dmp1-mg04							
Dump	psc-dmp1-mg05							