


SPIRE

SPIRE Product Tree

DSM-DAPNIA SAP
 SAp-SPIRE-DR-0094-03
 Issue: 1.0
 Date : 21/01/2003
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Reference: SAp-SPIRE-DR-0094-03
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DOCUMENT STATUS and CHANGE RECORD

Date	Issue	Affected pages
21/01/2003	1.0	Creation

LIST of USED ACRONYMS

DCU	Digital Control Unit
DPU	Digital Processing Unit
DRCU	Detector Readout and Control Unit
FCU	Focal Plane Control Unit
FPU	Focal Plane Unit
LTU	Local Test Unit
PB	Power Bench
PSU	Power Supply Unit
SAp	Service d'Astrophysique (CEA/DAPNIA)
WIH	Warm Interconnect Harness

SPIRE						
System	S-Syst N1	S-Syst N2	S-Syst N3	S-Syst N4	Assembly	Part Numb.
DRCU						
	DCU				1000	
		DAQ + IF			1500	
			FPGA		1510	
		BIAS			1400	
		LIA-TC			1330	
		LIA-S			1320	
		LIA-P			1310	
		BP-DCU			1200	
		DCU mechanic				
			Box		5100	
			Stiffeners		5310	
			Connectors			
			Tools			
	FCU				9000	
		SCU			3000	
			CCHK + IF		3400	
			Temp		3300	
			BP-SCU		3200	
		MCU (LAM)			2000	
			BP		2200	
			MAC		2300	
			SMEC		2400	
			BSM		2500	
			Software			

		FCU mechanic				
			Box		5200	
			Stiffeners		5310	
			Tools			
	PSU				4000	
Harnesses					6000	
	Test harnesses				6600	
		LTU DRCU			661x	
		PBench DRCU			6670	
			PBench DCU		6671	
			PBench SCU		6672	
			PBench MCU		6673	
		FPU sim DRCU			?	
			SCU test h		?	
			MCU test h		?	
			DCU test h		?	
	FM harnesses				6100	
		DCU-DPU			6110	
		SCU-DPU			6120	
		MCU-DPU			6130	
		PSU-DCU			6140	
		PSU-FCU			6150	
			PSU-SCU		6151	
			PSU-MCU		6152	
SPIRE FPU simulator					7000	
	Module PXI trigger IO					

	Soft log supervision					
	PXI bolometer					
	PXI heater supply					
	PXI Cernox DC					
	PXI Cernox AC					
	Baie					
	Box					
LTU					8100	
	Hardware				8110	
		Workstation				001
		FPU sim I/F				002
		DRCU I/F				003
	Software				8150	
		Control S/W				001
		Analysis S/W				002
		Driver I/F				003
Power bench					8200	
Containers					8300	