

Device	DS90LV48A
Product	National Semiconductors
Function	LVDS receiver
Quantity	46800
Test	☒ Done ☐ Bologna ☒ Madrid ☐ Padova
Date	3/22/2001
Laboratory	Louvain
Probe	protons
Comments	

Device	DS92CK16
Product	National Semiconductors
Function	clock driver
Quantity	1530
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	DS92LV1021
Product	National Semiconductors
Function	serializer, link driver
Quantity	1530
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	CL7128AE
Productor	
Function	pASIC: test pulse pattern control
Quantity	1530
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	Alternative to A54SX08A

Device	A54SX08A
Productor	Actel Corporation
Function	pASIC: test pulse pattern control
Quantity	1530
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	Alternative to CL7128AE

Device	DS18S20Z
Productor	National Semiconductors
Function	temperature sensor
Quantity	1530
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	HPTDC
Product	
Function	TDC
Quantity	5850
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MAX869L
Product	Maxim Integrated Products
Function	current limiter
Quantity	1530
Test	☒ Done ☒ Bologna ☐ Madrid ☐ Padova
Date	10/24/2000
Laboratory	Louvain
Probe	protons
Comments	

Device	MIC1555
Product	Micrel
Function	temporizer
Quantity	4590
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MIC29151-3.3BU
Productor	MICREL
Function	voltage regulator
Quantity	1530
Test	☒ Done ☐ Bologna ☒ Madrid ☐ Padova
Date	06/28/2001
Laboratory	Louvain
Probe	protons
Comments	TID sensitive : <1% increase in regulated output - confirmed

Device	MIC39151-2.5BU
Productor	MICREL
Function	voltage regulator
Quantity	1530
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	06/28/2001
Laboratory	Louvain
Probe	protons
Comments	TID sensitive : <1% increase in regulated output - confirmed

Device	QS3R862
Productor	Quality semiconductors (IDT)
Function	bus switch
Quantity	1530
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	A54SX32-3
Product	ACTEL Corporation
Function	pASIC : Track Server Master
Quantity	500
Test	☒ Done ☒ Bologna ☐ Madrid ☐ Padova
Date	10/24/2000
Laboratory	Louvain
Probe	protons
Comments	SEU sensitive

Device	LM2937IMP-2.5
Product	National Semiconductors
Function	Low voltage regulator
Quantity	
Test	☒ Done ☒ Bologna ☐ Madrid ☐ Padova
Date	10/24/2000
Laboratory	Louvain
Probe	protons
Comments	

Device	QS32XR862
Product	Quality Semiconductor (IDT)
Function	Bus switch
Quantity	
Test	☒ Done ☒ Bologna ☐ Madrid ☐ Padova
Date	10/24/2000
Laboratory	Louvain
Probe	protons
Comments	

Device	DS90CR287
Product	National Semiconductor
Function	LVDS receivers
Quantity	
Test	☒ Done ☒ Bologna ☐ Madrid ☐ Padova
Date	10/24/2000
Laboratory	Louvain
Probe	protons
Comments	

Device	SY10ELT23L
Product	Micrel - Synergy
Function	
Quantity	
Test	☒ Done ☒ Bologna ☐ Madrid ☐ Padova
Date	10/24/2000
Laboratory	Louvain
Probe	protons
Comments	

Device	MIC29501-3.3BU
Product	Micrel
Function	Low voltage regulator 3.3 V %A
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	5/18/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	

Device	MC68HC16Z1CFC16
Product	Motorola
Function	microcontroller
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	7/10/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	SEU sensitive

Device	AT29C010-90JC
Product	ATMEL
Function	flash RAM
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	7/10/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	

Device	CXK581000AM-70LL
Product	SONY
Function	SRAM
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	5/18/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	OUT OF STOCK - SEU sensitive

Device	AT27C512R-15JC
Product	ATMEL
Function	EPROM
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	7/10/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	

Device	HFM2600-1
Product	Honeywell
Function	Optical transceiver
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	7/10/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	OUT OF STOCK

Device	TC554161AFT-70L
Product	Toshiba
Function	SRAM
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	3/22/2001
Laboratory	LNL & Louvain
Probe	protons and fast neutrons
Comments	SEU sensitive

Device	EPM7128STC100-10
Productor	Altera
Function	CPLD MAX7000S: RAM redundancy control
Quantity	250
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	3/22/2001
Laboratory	LNL & Louvain
Probe	protons and fast neutrons
Comments	

Device	ASIC BTI
Productor	ES2
Function	Triggering
Quantity	50000
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	5/18/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	Test to be redone

Device	ASIC TSS
Productor	ES2
Function	Triggering
Quantity	50000
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	7/10/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	TID sensitive - test to be redone

Device	ASIC TRACO
Product	ES2
Function	Triggering
Quantity	4400
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	3/22/2000
Laboratory	Louvain
Probe	protons
Comments	SEU sensitive - test to be redone

Device	ASIC MAD
Product	AMS
Function	Front-end
Quantity	200000
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	5/18/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	SET sensitive

Device	PCF8577
Product	Philips
Function	I2C display driver
Quantity	200000
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	5/18/1999
Laboratory	LNL & Louvain
Probe	fast, thermal neutrons and heavy ions
Comments	

Device	PCF8574
Product	Philips
Function	I2C bus extender
Quantity	200000
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	5/18/1999
Laboratory	LNL & Louvain
Probe	fast, thermal neutrons and heavy ions
Comments	

Device	82B715
Product	Philips
Function	I2C buffer
Quantity	200000
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	5/18/1999
Laboratory	LNL & Louvain
Probe	fast, thermal neutrons and heavy ions
Comments	

Device	74HC14
Product	Philips
Function	I2C six-inverter
Quantity	200000
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	OPA234
Productor	Burr-Brown
Function	Operational amplifier- front-end thresholds settings
Quantity	200000
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	5/18/1999
Laboratory	LNL & Louvain
Probe	fast, thermal neutrons and heavy ions
Comments	

Device	74HC244
Productor	
Function	Octal buffer
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	74HCT245DB (SSOP)
Productor	
Function	Bidirectional TTL buffer
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	75451BD
Productor	Texas Instruments
Function	AND OpenCollector 300mA
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	07/10/1999
Laboratory	LNL
Probe	fast and thermal neutrons
Comments	

Device	74HCT541DB (SSOP)
Productor	
Function	TTL buffer
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	AT29C020-90JC
Productor	ATMEL
Function	Flash memory
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	BAS16
Product	
Function	Diode
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	07/10/1999
Laboratory	LNL & Louvain
Probe	fast and thermal neutrons
Comments	

Device	BAV99
Product	
Function	Dual diode schottky
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	BF998
Product	Philips
Function	MOSFET
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	BZX84C5V1
Productor	Philips
Function	Zener 5.1V (SOT23)
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	CLC014AJE
Productor	National semiconductors
Function	Adaptive cable equalizer for High speed
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	CLC111AJE
Productor	National semiconductors
Function	Ultra-high slew rate, closed-loop buffer
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	CY2308SC-1
Product	Cypress
Function	3.3V Zero delay buffer PLL
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	CY2308SC-2
Product	Cypress
Function	3.3V Zero delay buffer PLL (/2)
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	
Laboratory	LNL & Louvain
Probe	protons and fast neutrons
Comments	

Device	DS1020S-15
Product	Dallas
Function	DELAY LINE 8BIT step 150ps
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	DS1820
Product	Dallas
Function	1Wire thermometer
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	07/10/1999
Laboratory	LNL
Probe	fast and thermal neutrons
Comments	

Device	DS2480S
Product	Dallas
Function	Bus 1Wire
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	07/10/1999
Laboratory	LNL
Probe	fast and thermal neutrons
Comments	

Device	DS92LV1021T
Product	National
Function	16MHz-40MHz 10-bit serializer
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	DS92LV1212T
Product	National semiconductors
Function	16MHz-40MHz 10-bit bus LVDS random lock deserializer
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	EPM7256AETC144-10
Product	Altera
Function	CPLD MAX7000AE
Quantity	250
Test	☐ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	
Laboratory	
Probe	
Comments	

Device	HFBR-2316T
Product	HP
Function	Link receiver
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	IQXO-70 (40MHz)			
Productor	C-MAC			
Function	Oscillatore 40 MHz SMS			
Quantity				
Test	☐ Done	☐ Bologna	☐ Madrid	☐ Padova
Date				
Laboratory				
Probe				
Comments				

Device	LM311M
Productor	National semiconductors
Function	Comparator
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	LT1460KCS3-2.5
Productor	Linear Technology
Function	2.5 V voltage reference
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	LTC1660CGN
Product	Linear Technology
Function	Octal DAC 10bitseriale
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	10/07/1999
Laboratory	LNL
Probe	fast and thermal neutrons
Comments	

Device	MAX1232CSA
Product	Maxim
Function	Watchdog
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	10/07/1999
Laboratory	LNL
Probe	fast and thermal neutrons
Comments	

Device	MAX232ECSE
Product	Maxim
Function	Driver RS232
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MAX4052ACSE
Product	Maxim
Function	Dual 4:1 Analog switch 10ohm
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MAX485CSA
Product	Maxim
Function	Bidirectional line driver BUS485
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MAX869LEEE
Product	Maxim
Function	Power switch 2 A
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	06/27/2000
Laboratory	Louvain
Probe	protons and fast neutrons
Comments	

Device	MAX891LEUA
Product	Maxim
Function	Power switch 0.5A
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	06/27/2000
Laboratory	Louvain
Probe	fast neutrons
Comments	

Device	MC100LVEL01D
Product	Motorola
Function	4OR input PECL
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MC100LVEL05D
Product	Motorola
Function	2input AND PECL
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MC68HC16Z1CPV16
Productora	Motorola
Function	Microcontroller
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MC100LEVEL029Dw
Productora	Motorola
Function	Dual flip-flop
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MIC1555BM5
Productora	Micrel
Function	Timer 555
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MIC29151-5.0BU
Product	Micrel
Function	5V 1.5 A stabilizer
Quantity	
Test	☐ Done ☐ Bologna ☒ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	OP490GS
Product	ANALOG DEVICES
Function	Quadruple Operational amplifier
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	07/10/1999
Laboratory	LNL
Probe	fast and thermal neutrons
Comments	

Device	QS32XR862Q1
Product	IDT
Function	Bus separator
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	06/27/2000
Laboratory	Louvain
Probe	fast neutrons
Comments	

Device	SCC2692AE1A44
Product	Philips
Function	UART
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	07/10/1999
Laboratory	LNL
Probe	fast and thermal neutrons
Comments	

Device	SMBT2222A
Product	Siemens
Function	Transistor pnp
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	07/10/1999
Laboratory	LNL
Probe	fast and thermal neutrons
Comments	

Device	SY100E111LEJC
Product	Synergy
Function	1:9 differential clock driver
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	SY10ELT22LZC
Product	Synergy
Function	TTL to PECL level adapter
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	SY10ELT23LZC
Product	synergy
Function	PECL to TTL level adapter
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	SY88903KC
Product	synergy
Function	1.25GbpsLimit Post Amplifier
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	TL431CLP
Product	texas instruments
Function	2.5V reference
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	XC1736ESO8C
Product	Xilinx
Function	Serial PROM
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	ZVN3306F
Product	
Function	Mosfet
Quantity	
Test	☐ Done ☐ Bologna ☐ Madrid ☐ Padova
Date	
Laboratory	
Probe	
Comments	

Device	MTP-3N120
Product	
Function	HV regulator (VMOS)
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	06/27/2000
Laboratory	Louvain
Probe	fast neutrons
Comments	SEGR sensitive

Device	SKP02N120
Product	INFINEON
Function	HV regulator (IGBT)
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	10/25/2000
Laboratory	Louvain
Probe	protons
Comments	SEGR sensitive

Device	BUL216
Product	ST
Function	HV regulator (BJT)
Quantity	
Test	☒ Done ☐ Bologna ☐ Madrid ☒ Padova
Date	10/25/2000
Laboratory	Louvain
Probe	protons
Comments	Change in hFE and collector current