

Summary of all tests

Component	Part Number	Test results	Use in AMS
DSP	ADSP-2187L	Accepted	DAQ
DSP	ADSP-2189M	Accepted	-
PGA	QL12X16BL	Accepted	-
PGA	Actel 54SX32	Accepted	-
PGA	Actel 54SX32A	Accepted	JMDC,DAQ
PGA	Actel 54SX72A	Accepted	DAQ
CPLD	CY3700	Accepted	-
SP-RAM	K6R1016V1C	Accepted	DAQ
SP-RAM	K6R4016V1C	Accepted	DAQ
Processor	PPC750	Accepted	JMDC
Host/PCI bridge	CPC700	Accepted	JMDC
Clock Driver	MPC972FA	Accepted	JMDC
Clock Driver	Z9972BA	Accepted	-
PCI Adaptor	PCI9080	Rejected	-
Watchdog Timer	AMD679	Accepted	-
Watchdog Timer	MAX706ESA	Accepted	JMDC
SDRAM 128 Mbit	MT48LC8M16A2	Accepted	-
SDRAM 256 Mbit	V54C3256404VAT7	Rejected	-
SDRAM 256 Mbit	NT5SV32M8AT-7K	Rejected	-
SDRAM 256 Mbit	P2V56S30TP-6	Accepted	-
SDRAM 256 Mbit	K4S561632C-TL75	Accepted	JMDC
FLASH memory	MBM29DL324TE	Accepted	-
FLASH memory	AM29LV004	Accepted	JIN*
FLASH memory	AM29LV641	Accepted	JMDC
DP-RAM	CY7C028V	Accepted	-
DP-RAM	IDT70V28L	Accepted	JMDC

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Component	Part Number	Test results	Use in AMS
LV regulator	PQ7DV10	Accepted	JMDC
LV regulator	LM2989A	Accepted	JMDC,DAQ
LV regulator	MAX1735	Accepted	DAQ
LV regulator	MAX1792	Accepted	DAQ
Oscillator	CXO3M-10N-50.0M	Accepted	JMDC
Tranceiver	SN54LVTH16245A	Accepted	JMDC
LVDX RX	SN65LVDS390	Accepted	JMDC,DAQ
LVDX TX	SN65LVDS391	Accepted	JMDC,DAQ
Curr. sensor	MAX869	Accepted	DAQ
Curr. sensor	MAX892	Accepted	DAQ
Level shifter	SN74LVCC3245	Accepted	DAQ
Single gate buffer	SN74LVC1G17DBVR	Accepted	DAQ
Single gate buffer	SN74LVC1G125DBVR	Accepted	DAQ
Single gate buffer	SN74LVC1G126DBVR	Accepted	DAQ
Single gate buffer	SN74LVC1G240DBVR	Accepted	DAQ
OP Amplifier	AD8052	Accepted	DAQ
OP Amplifier	LM158AH	Accepted	DAQ
OP Amplifier	LM158D	Accepted	DAQ
OP Amplifier	LM258	Accepted	DAQ
OP Amplifier	LM6142	Accepted	DAQ
V reference	LM4040	Accepted	DAQ
V reference	LM4120	Accepted	DAQ
Comparator	LM139AD	Accepted	DAQ
Comparator	LM239AD	Accepted	DAQ
TTL driver	LVT16244	Accepted	DAQ
SEL protection	ASIC	Accepted	-

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Component	Part Number	Test results	Use in AMS
u-controller	DS80C390	Accepted w/LP	USCM
HV controller	MHV100	Accepted	TRD
RICH FE ASIC	custom ASIC	Accepted	RICH
ECAL FE old	custom ASIC	Accepted	-
ECAL FE new	custom ASIC	Accepted	ECAL
HCC	custom ASIC	Accepted	Tracker
Digital Coupler	ISO150	Rejected	-
Digital Coupler	ADuM1100	Accepted	Tracker
ADC	ADS803U	Accepted	Tracker
ADC	AD7476	Accepted	DAQ
ADC	MAX1281	Accepted	TPSFE
TDC	MTO135-9639	Accepted	TOF
VA-chip	VA32 old	Accepted	-
VA-chip	VA32 new	Accepted	Tracker,...
MOSFET transistor	FDD2570	Accepted	DC-DC
MOSFET transistor	FDD3670	Rejected	-
MOSFET transistor	HUF76629D3S	Rejected	-
MOSFET transistor	IRFR18N15D	Rejected	-
MOSFET transistor	IRFR5305	Accepted	DC-DC
MOSFET transistor	SUB60N06-18	Accepted	DC-DC
MOSFET transistor	IRF3205S	Accepted	DC-DC
MOSFET transistor	FDD2570	Accepted	DC-DC
MOSFET transistor	MTD20N06HD	Accepted	DC-DC
DMOP switch	PHC2300	Accepted	TRD HV
MOSFET driver	TPS2814	Accepted	TRD HV