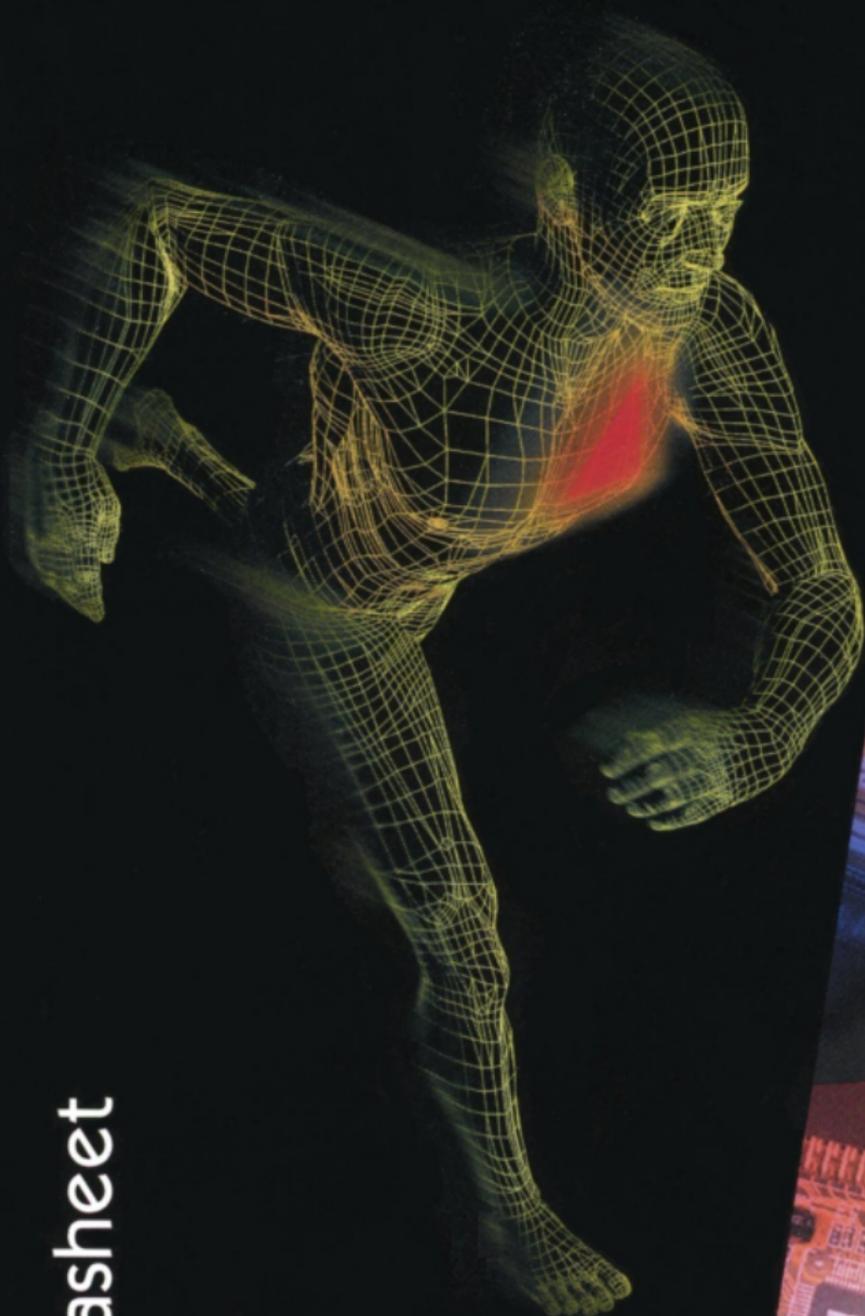


Tekram

www.tekram.de

SCSI Datasheet



Tekram has always sought to transform the industry's most advanced technology into high-performance, useful products for consumers.

Corporate Profile

Tekram was founded in 1990 by a group of engineers primarily from the most distinguished technology institut in Taiwan. Since its founding, Tekram has continued to be a fast-developing company.

We started our operation with a capital of 200,000 US Dollars with an annual turnover of 300,000 US Dollars. After a seven-year endeavor, our capital has increased to 14 million US Dollars in 1998. Furthermore, our turnover has increased to 30 million US Dollars in 1996 and to 120 million US Dollars in 1998. The projected 1999 turnover will be 130 million US Dollars.

The company has expanded rapidly during the past two years. Currently we have 280 employees at our headquarters office located in Taipei, Taiwan. In addition, we have also set up branch offices in Japan, Germany, and the USA. They provideservices including Sales, Technical Support, RMA, Product Promotion, Goods Delivery, etc. It is our long-term goal to serve more customers through a global network; therefore, we will head toward expanding into new markets in the future.

Engineering-Oriented

Currently we have more than 40 well-qualified engineers in our R&D Division. After accumulating years of design experience, Tekram is capable of writing its own firmware, software and device drivers.

Furthermore, Tekram is also an expert in ASIC design and board design. Being a pioneer in Taiwan's computer industry, we were the first company to launch Disk Cache Controllers, EISA 486 Mainboards and Local Bus 486 Mainboards. In additions, we have received numerous awards from the industry press such as Byte, PC Magazine, PC World, PC Professional and PC Intern. Our strong R&D capability has also received worldwide recognition. With solid R&D support, we have confidence that Tekram's future growth is extremely promising.

Time-to-Market Manufacturing Capacity

As a leading computer company, Tekram possesses strong R&D capability along with time-to-market manufacturing capacity to turn advanced technology into useful products for consumers on time. In light of the increasing demands for computer products, our time-to-market manufacturing capacity optimizes our productivity to deliver the latest products to the market and meet customers' needs in both quality and volume. From product design to mass production, our strict Quality Control offers customers a guarantee on Tekram-banded products.

Global Logistics Network

In order to provide complete customer service, Tekram is developing a comprehensive global logistics capability to quickly respond to customers' requests and provide quality service. With the worldwide logistics network including branch offices in USA, Germany and Japan, we provide services such as Technical Support, FAE Support, Website Maintenance, Product Promotion, RMA Services, and Shipment Delivery. Our two plants are located in Pan-Chiao, Taiwan and Shen-Tsun, Mainland China, along with warehouses in Fremont, California and Rotterdam, Netherlands. This expanding network of support enables us to serve our customers when and where they need us.

With headquarters in Taiwan, Tekram is building a global network of service and sales in the United States and Germany.

The two major manufacturing factories are located in Taiwan Panchiao and Mainland Tungkuan.

Factory Scale and Production

Taiwan Panchiao Factory Usage Area ---- 54000m²

Two SMT Lines

**30K/month for the pilot-run of new mainboard products
30K/month for the add-on card products**

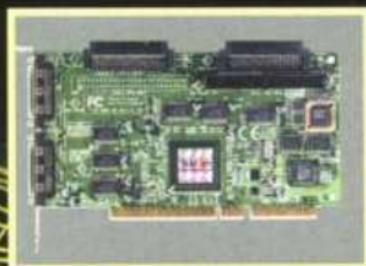
Mainland Tungkuan Factory Usage Area ---- 129600m²

Two High Speed SMT Lines

**150K/month for the mass production of stable mainboard products
50K/month for the add-on card products.**

DC-390U3D

Protocols Supported	Ultra 3/2 LVD Ultra-Wide SCSI Ultra & SCSI-2
SCSI Processor	LSI 53C1010
SCSI Bios	Yes (Flash)
Max Transfer Rate	160MB/Sec (Ultra 3)
Internal Connectors	2x68-Pin LVD/SE 1x50-Pin Ultra/SCSI-2
External Connector	2xVHDCI
PCI Interface	64/32 Bit
Max Devices	30
Cables Included	2xLVD Twisted Pair* Int. Ultra/SCSI-2***
Accessories Included	User Manual Driver Disks 2xLVD Terminators Ext. 50-Pin Adapter
Drivers Available	DOS, Windows, Windows NT, OS/2, NetWare, Linux (Red Hat, Caldera, SlackWare, S.U.S.E. and Debian), FreeBSD, Solaris, SCO Unix, Unixware
Cable Description	* Internal LVD Twisted Pair: (6) Connectors support 4 devices, card and term * * * Internal Ultra/SCSI-2: (3) Connectors support 2 devices & card



DC-390U3W

Protocols Supported	Ultra 3/2 LVD Ultra-Wide SCSI Ultra & SCSI-2
SCSI Processor	LSI 53C1010
SCSI Bios	Yes (Flash)
Max Transfer Rate	160MB/Sec (Ultra 3)
Internal Connectors	68-Pin LVD 68-Pin Ultra-Wide 50-Pin Ultra/SCSI-2
External Connector	68-Pin High-Density
PCI Interface	64/32 Bit
Max Devices	15
Cables Included	Int. LVD Twisted Pair* Int. Ultra Wide** Int. Ultra/SCSI-2***
Accessories Included	User Manual Driver Disks LVD Terminator Ext. 50-Pin Adapter
Drivers Available	DOS, Windows, Windows NT, OS/2, NetWare, Linux (Red Hat, Caldera, SlackWare, S.U.S.E. and Debian), FreeBSD, Solaris, SCO Unix, Unixware

Cable Description

- * Internal LVD Twisted Pair:
(6) Connectors support 4 devices,
card and term
- ** Internal Ultra-Wide:
(3) Connectors support
2 devices & card
- *** Internal Ultra/SCSI-2:
(3) Connectors support
2 devices & card



DC-390U2D

Protocols Supported	Ultra 2 LVD Ultra-Wide SCSI Ultra & SCSI-2
SCSI Processor	LSI 53C896
SCSI Bios	Yes (Flash)
Max Transfer Rate	80MB/Sec (Ultra 2)
Internal Connectors	2x68-Pin LVD/SE 1x50-Pin Ultra/SCSI-2
External Connector	2xVHDCI
PCI Interface	64/32 Bit
Max Devices	30
Cables Included	2xLVD Twisted Pair* Int. Ultra/SCSI-2***
Accessories Included	User Manual Driver Disks 2xLVD Terminator Ext. 50-Pin Adapter
Drivers Available	DOS, Windows, Windows NT, OS/2, NetWare, Linux (Red Hat, Caldera, SlackWare, S.U.S.E. and Debian), FreeBSD, Solaris, SCO Unix, Unixware
Cable Description	* Internal LVD Twisted Pair: (6) Connectors support 4 devices, card and term * * * Internal Ultra/SCSI-2: (3) Connectors support 2 devices & card



DC-390U2W

Protocols Supported	Ultra 2 LVD Ultra-Wide SCSI Ultra & SCSI-2
SCSI Processor	LSI 53C895, 53C141
SCSI Bios	Yes (Flash)
Max Transfer Rate	80MB/Sec (Ultra 2)
Internal Connectors	68-Pin LVD 68-Pin Ultra-Wide 50-Pin Ultra/SCSI-2
External Connector	68-Pin High-Density
PCI Interface	32 Bit
Max Devices	15
Cables Included	Int. LVD Twisted Pair* Int. Ultra Wide** Int. Ultra/SCSI-2***
Accessories Included	User Manual Driver Disks LVD Terminator Ext. 50-Pin Adapter
Drivers Available	DOS, Windows, Windows NT, OS/2, NetWare, Linux (Red Hat, Caldera, SlackWare, S.U.S.E. and Debian), FreeBSD, Solaris, SCO Unix, Unixware
Cable Description	* Internal LVD Twisted Pair: (6) Connectors support 4 devices, card and term ** Internal Ultra-Wide: (3) Connectors support 2 devices & card *** Internal Ultra/SCSI-2: (3) Connectors support 2 devices & card



DC-390U2B

Protocols Supported	Ultra 2 LVD Ultra-Wide SCSI Ultra & SCSI-2
SCSI Processor	LSI 53C895
SCSI Bios	Yes (Flash)
Max Transfer Rate	80MB/Sec (Ultra 2)
Internal Connectors	68-Pin LVD
External Connector	68-Pin High-Density
PCI Interface	32 Bit
Max Devices	15
Cables Included	Int. LVD Twisted Pair*
Accessories Included	User Manual Driver Disks LVD Terminator
Drivers Available	DOS, Windows, Windows NT, OS/2, NetWare, Linux (Red Hat, Caldera, SlackWare, S.U.S.E. and Debian), FreeBSD, Solaris, SCO Unix, Unixware
Cable Description	* Internal LVD Twisted Pair: (6) Connectors support 4 devices, card and term



DC-395U2W

Protocols Supported	Ultra 2 LVD Ultra-Wide SCSI Ultra & SCSI-2
SCSI Processor	TRM-S2080
SCSI Bios	Yes (Flash)
Max Transfer Rate	80MB/Sec (Ultra 2)
Internal Connectors	68-Pin LVD 68-Pin Ultra-Wide 50-Pin Ultra/SCSI-2
External Connector	68-Pin High-Density
PCI Interface	32 Bit
Max Devices	15
Cables Included	Int. LVD Twisted Pair* Int. Ultra Wide** Int. Ultra/SCSI-2***
Accessories Included	User Manual Driver Disks LVD Terminator Ext. 50-Pin Adapter
Drivers Available	DOS, Windows, Windows NT, OS/2, NetWare, Linux (Red Hat, Caldera, SlackWare, S.U.S.E. and Debian), FreeBSD, Solaris, SCO Unix, Unixware

Cable Description

- * Internal LVD Twisted Pair:
(6) Connectors support 4 devices,
card and term
- ** Internal Ultra-Wide:
(3) Connectors support
2 devices & card
- *** Internal Ultra/SCSI-2:
(3) Connectors support
2 devices & card



DC-390F

Protocols Supported	Ultra-Wide SCSI Ultra & SCSI-2
SCSI Processor	LSI 53C875
SCSI Bios	Yes (Flash)
Max Transfer Rate	40 MB/Sec
Internal Connectors	68-Pin Ultra-Wide 50-Pin Ultra/SCSI-2
External Connector	68-Pin High-Density
PCI Interface	32 Bit
Max Devices	15
Cables Included	Int. Ultra Wide* Int. Ultra/SCSI-2**
Accessories Included	User Manual Driver Disks
Drivers Available	DOS, Windows, Windows NT, OS/2, NetWare, Linux, FreeBSD, Solaris, SCO Unix, Unixware
Cable Description	* Internal Ultra-Wide: (3) Connectors support 2 devices & card ** Internal Ultra/SCSI-2: (3) Connectors support 2 devices & card



DC-395UW

Protocols Supported

Ultra-Wide SCSI
Ultra & SCSI-2

SCSI Processor

TRM-S1040

SCSI Bios

Yes (Flash)

Max Transfer Rate

40 MB/Sec

Internal Connectors

68-Pin Ultra-Wide
50-Pin Ultra/SCSI-2

External Connector

50-Pin High-Density

PCI Interface

32 Bit

Max Devices

15

Cables Included

Int. Ultra Wide*
Int. Ultra/SCSI-2**

Accessories Included

User Manual
Driver Disks

Drivers Available

DOS, Windows, Windows NT,
OS/2, NetWare, Linux, FreeBSD,
Solaris, SCO Unix, Unixware

Cable Description

- * Internal Ultra-Wide:
(3) Connectors support
2 devices & card
- ** Internal Ultra/SCSI-2:
(3) Connectors support
2 devices & card



DC-395U

Protocols Supported	Ultra & SCSI-2
SCSI Processor	TRM-S1040
SCSI Bios	Yes (Flash)
Max Transfer Rate	20 MB/Sec
Internal Connectors	50-Pin Ultra/SCSI-2
External Connector	50-Pin High-Density
PCI Interface	32 Bit
Max Devices	7
Cables Included	Int. Ultra/SCSI-2**
Accessories Included	User Manual Driver Disks
Drivers Available	DOS, Windows, Windows NT, OS/2, NetWare, Linux, FreeBSD, Solaris, SCO Unix, Unixware
Cable Description	** Internal Ultra/SCSI-2: (3) Connectors support 2 devices & card



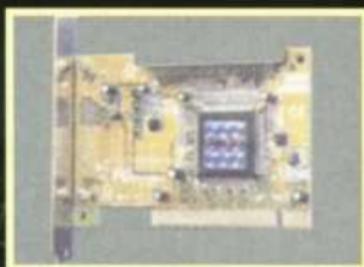
DC-315U

Protocols Supported	Ultra & SCSI-2
SCSI Processor	TRM-S1040
SCSI Bios	No
Max Transfer Rate	20 MB/Sec
Internal Connectors	50-Pin Ultra/SCSI-2
External Connector	50-Pin High-Density
PCI Interface	32 Bit
Max Devices	7
Cables Included	Int. Ultra/SCSI-2**
Accessories Included	User Manual Driver Disks
Drivers Available	DOS, Windows, Windows NT, OS/2, NetWare, Linux, FreeBSD, Solaris, SCO Unix, Unixware
Cable Description	** Internal Ultra/SCSI-2: (3) Connectors support 2 devices & card



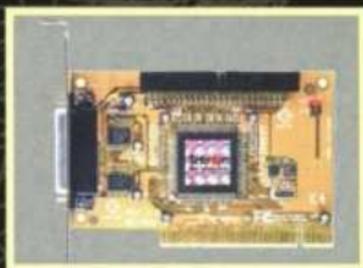
DC-305I/E

Protocols Supported	Ultra & SCSI-2
SCSI Processor	TRM-S1040
SCSI Bios	No
Max Transfer Rate	20 MB/Sec
Internal Connectors	DC-305I: 50-Pin Ultra/SCSI-2
External Connector	DC-305E: 50-Pin High-Density
PCI Interface	32 Bit
Max Devices	7
Cables Included	DC-305I: Int. Ultra/SCSI-2**
Accessories Included	User Manual Driver Disks
Drivers Available	DOS, Windows, NT
Cable Description	** Internal Ultra/SCSI-2: (3) Connectors support 2 devices & card



DC-315

Protocols Supported	Ultra & SCSI-2
SCSI Processor	TRM-S1040
SCSI Bios	No
Max Transfer Rate	20 MB/Sec
Internal Connectors	50-Pin Ultra/SCSI-2
External Connector	25-Pin D-Type
PCI Interface	32 Bit
Max Devices	7
Cables Included	Int. Ultra/SCSI-2**
Accessories Included	User Manual Driver Disks
Drivers Available	MAC OS
Cable Description	** Internal Ultra/SCSI-2: (3) Connectors support 2 devices & card



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