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**Gemini**

## **END-USER PRICE LIST**

Effective 1st September 1987

Issue 4

Gemini Computer Systems Limited  
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## INTRODUCTION

### PRODUCTS AND LITERATURE Continued

GM824	GM824 Hard Disk User Manual
GM825	GM825 Serial I/O User Manual
GM826	Z80 SIO (GM826) Manual
GM827	GM827 Hardware Manual
GM828	GM828 Manual
GM832	Switch Mode Power Supply Manual
GM838	GM838 User Manual
GM842	GM842 Hardware Manual

Dear Customer,

We have once again this month revised the price list in order to bring you up to date with the products available from Gemini via your specialist dealer.

There have been some significant changes in both the layout of the list and pricing of certain items, some of the new products being supported by illustrations.

In particular the 68K system range has been broadened and is even more cost effective. Additional MultiBoard based boards include the 2 MByte RAM Disk GM873, 64180 CPU/RAM GM880 and 80286 CPU RAM GM886.

Finally we are pleased to remind you that we continue to maintain and support old systems by offering a unique economical Exchange Service, details of which are contained at the back of the list.

Barrie Oliver  
Sales Manager

ALL PRICES SHOWN IN THIS PRICE LIST ARE SUBJECT TO V.A.T. AT THE PREVAILING RATE E. & O. E.

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PART NO.	DESCRIPTION	PRICE
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### GM7000 series CHALLENGER SYSTEMS

The Challenger series of super micros now feature an extended range of Winchester disc drives. At the top end of the range we can now supply a 142 MByte system whilst, at the same time, we have retained the 20 MByte GM7001 at a reduced price.

GM7001	Challenger 20 20 MB Win/1.2 MB Floppy	3575.00
GM7007	Challenger 40 40 MB Win/1.2 MB Floppy	4200.00
GM7008	Challenger 40 40 MB Win/58 MB tape/1.2 MB Floppy	5650.00
GM7003	Challenger 70 70 MB Win/1.2 MB Floppy	5400.00
GM7006	Challenger 70 70 MB Win/58 MB tape/1.2 MB Floppy	6850.00
GM7009	Challenger 140 142 MB Win/1.2 MB Floppy	6200.00
GM7010	Challenger 140 142 MB Win/58 MB tape/1.2 MB Floppy	7700.00

### GM6000 series PERIPHERALS FOR 68K-BUS and CHALLENGER

GM6001	WYSE 50 Terminal	545.00
GM6003	14" Graphics Monitor (use with GM2005 and GM2007)	850.00
GM6004	14" Graphics Monitor (use with GM2009)	650.00
GM6005	GEMINI Terminal, incl. 4 screen multitasking software	575.00
GM6006	NEWBURY DATA 3001 Terminal	425.00

### GM2000 series 68K-BUS BOARDS

GM2001	68K Quad Serial Board	250.00
GM2002	68K 1 MByte RAM Board (expandable with 1 x GM3002)	750.00
GM2003	68K Prototyping Board	50.00
GM2005-1	68K Standard Graphics Board (single screen version)	900.00
GM2005-2	68K Standard Graphics Board (twin screen version)	1000.00
GM2005-4	68K Standard Graphics Board (four screen version)	1200.00
GM2006	68K CAD Graphics Board	1250.00
GM2007	68K Artist Graphics Board	1500.00
GM2009	68K Non interlaced version of GM2005 Graphics Board	1200.00
GM2010	68K IEEE Board	250.00
GM2011	68K A - D/D - A Multi I/O Board	710.00
GM2015	68K Synchronous Serial Board	TBA

### GM3000 series 68K-BUS COMPATIBLE BOARDS

GM3001	68K CPU/Backplane	1750.00
GM3002	68K 1 MByte RAM Daughter Board	575.00
GM3004	Carpenter JETPAK (Maths Co-Processor)	595.00
GM3005	68K-BUS Backplane for 19" Rack	TBA

### GM4000 series OPERATING SYSTEMS and RELATED PRODUCTS

GM4001	CP/M 68K (complete with DR 'C' Compiler)	295.00
GM4002	68K BOS Operating System	750.00
GM4003	68K UCSD P-System (+ Pascal/Advanced Dev. Toolkit)	495.00
GM4004	Mirage Operating system	450.00



Gemini

PART NO.	DESCRIPTION	PRICE
<b>GM4100 series APPLICATION PACKAGES for the CHALLENGER</b>		
GM4101	InterCAD single user CAD package	2000.00
GM4102	InterCAD multi user CAD package (3 terminal)	5000.00
GM4103	InterCAD multi user CAD package (no limit to number of users)	8000.00
GM4104	GENISYST running on Challenger, multi user	1500.00
GM4105	BEAVER II running on Challenger, multi user	1500.00
<b>GM4200 series MIRAGE RELATED SOFTWARE</b>		
GM4201	APL-68000	1200.00
GM4202	APL-68000 Runtime Package	N/A
GM4203	Swift-Pascal	375.00
GM4204	Swift-Fortran	650.00
GM4205	Swift-Basic	395.00
GM4206	TRAP ISAM File Subsystem	255.00
GM4207	Lattice C	500.00
GM4208	CP/M 68K under Mirage	150.00
GM4209	Microgrid (for networking with GM2010)	250.00
GM4210	MITS (Mirage Intelligent Terminal Support)	150.00
GM4213	OxWord	395.00
GM4214	OxCalc	395.00
GM4215	OxSys Suite	595.00
GM4217	Swift-LISP	250.00
GM4218	Assembler package for Motorola 68000 series	150.00
GM4219	Prolog	175.00
GM4220	OxBox terminal emulation with multitasking	69.00
GM4221	Migrate terminal emulation	69.00
GM4222	FORTH	250.00
<b>GM5000 series ACCESSORIES for the 68K-BUS and CHALLENGER</b>		
GM5001	68K 19" Frame Assembly	TBA
GM5002	Cable for connecting GM2001 to GM6001	14.00
GM5003	8 pin DIN plug for S5/8 connectors	2.70
GM5004	Cable from GM2005 (Standard) and GM2007 (Artist) to GM412G Cotron monitor	14.00
GM5006	Surface mounting wall socket for 8 pin DIN plug	7.50
<b>GM8000 series BUNDLED PACKAGES</b>		
GM8004	Specialist Genisyst hardware package GM7001 with GM2001 Serial Board, 2 x GM6001, Wyse terminals and Mirage software. Incl. GM4104 Genisyst package.	7000.00
GM8005	Specialist Beaver II hardware package. GM7001 with GM2001 Serial Board, 2 pcs. GM6001 Wyse Terminals, Epson LX-800 printer and 1 year maintenance. GM4004 Mirage operating system and GM4105 Beaver II software also included.	6500.00

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
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## Media Conversion Systems

### DATA EXCHANGE SYSTEMS

GM946 DX3

Third generation Data eXchange system

Designed to be easy to use with All Media Interchange Environment (AMIE) providing formatting of and transfer between MS-DOS, CP/M and UNIX disc formats as standard

Over 1000 system formats and the facility to add new formats

Winchester disc

96 TPI dual speed 5 1/4" drive

48 TPI DSDD 5 1/4" drive

135 TPI DSDD 3 1/2" drive

100 TPI single sided 3" drive

Wyse 60 terminal

2 Mbyte RAM disc

RS232 Serial port for printer or other peripheral

Bi-directional Parallel port for printer or other peripheral



TC236 AMIE Plus Software Module

Software processors for a range of operating systems and filing systems including a range of intermediate processors to manipulate the data as it is transferred. Examples are character conversion; termination of transfer at detection of a matched string or strings of characters; removal of header or trailer bytes from a record or file; addition of header or trailer bytes to a record or file; addition of field delimiters or segmentors in a record; setting or stripping character parity; reading data from any specified place on the disc; examination of data in files with output to screen or printer.

Supports both record structured and byte stream data and allows conversion between them.

Update and support for the first twelve months

TC237 Software and Format Library Update

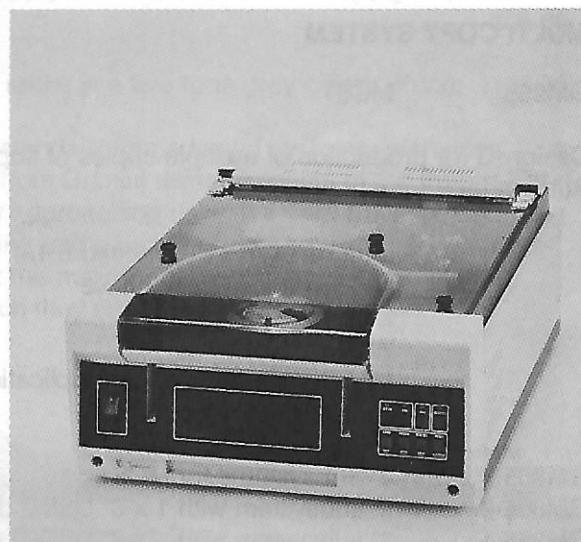
Provides updates to format library, new versions of existing processor when facilities are expanded, new processors as they become available

PART NO.	DESCRIPTION	DESCRIPTION	PART NO.
TC238	AMIE 1/2" Magnetic Tape Interface and Software Module	AMIE 1/2" Magnetic Tape Interface and Software Module	AMIE 1/2" Magnetic Tape Subsystems
	Interface built in to the DX3 which controls Pertec compatible 1/2" magnetic tape drives	Interface built in to the DX3 which controls Pertec compatible 1/2" magnetic tape drives	AMIE 1/2" Magnetic Tape Subsystems
	Software provides tape analysis with text or hexadecimal output to screen or printer and includes analysis of block and file size. Reading, writing and initialisation of 800 NRZ, 1600 and 3200 PE and 6250 GCR tapes depending on tape unit supplied.	Software provides tape analysis with text or hexadecimal output to screen or printer and includes analysis of block and file size. Reading, writing and initialisation of 800 NRZ, 1600 and 3200 PE and 6250 GCR tapes depending on tape unit supplied.	AMIE 1/2" Magnetic Tape Subsystems
TC239	AMIE 1/2" Magnetic Tape Subsystems	AMIE 1/2" Magnetic Tape Subsystems	AMIE 1/2" Magnetic Tape Subsystems
	Includes TC238, interface and software module	Includes TC238, interface and software module	AMIE 1/2" Magnetic Tape Subsystems
TC239-0	1600 BPI mini desktop streamer unit for 7" reels only	1600 BPI streamer unit for 7" reels only	AMIE 1/2" Magnetic Tape Subsystems
TC239-1	1600 BPI streamer unit for 6", 7", 8.5" and 10.5" reels	1600 BPI streamer unit for 6", 7", 8.5" and 10.5" reels	AMIE 1/2" Magnetic Tape Subsystems
TC239-2	800/1600/3200 streamer unit for multi-size reels	800/1600/3200 streamer unit for multi-size reels	AMIE 1/2" Magnetic Tape Subsystems
TC239-3	800/1600/3200/6250 stop-start unit for multi-size reels	800/1600/3200/6250 stop-start unit for multi-size reels	AMIE 1/2" Magnetic Tape Subsystems

Multi-size units are available for rack mounting or desk top use - please specify



Mini Tape Unit



Multi Size Tape Unit



Gemini

**PART NO.**      **DESCRIPTION**

TC240      Floppy Disc Auto Loader

Free standing unit for bulk handling of floppy discs in AMIE for distribution of data on disc and for bulk duplication of discs. For use with DX3 or MCS1.

TC240-0      8" floppy disc auto loader

TC240-1      5 1/4" floppy disc auto loader with optional 96 TPI dual speed or 48 TPI disc drives (operator interchangeable)

TC240-2      3 1/2" floppy disc auto loader

**MULTI COPY SYSTEM**

GM955      MCS1

Designed for production of multiple copies of floppy discs, using one of the TC240 floppy disc Autoloaders.

Integral 96 TPI dual speed 5 1/4" drive  
135 TPI 3 1/2" DSDD drive  
2 Mbyte RAM disc  
WYSE 60 terminal  
MASSCOPY Autoloader duplication software

GM865      8" Subsystems for MCS1

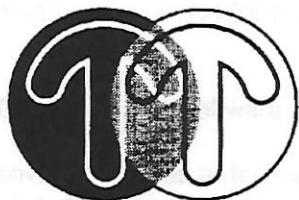
GM865-0      8" subsystem with 1 x 8" DSDD disc drive

GM865-1      8" subsystem with 1 x 8" DSDD + 3.5" DSDD drives

GM865-2      8" subsystem with 1 x 8" DSDD + 3.5" DSDD + 3" SS drives

GM865-3      8" subsystem with 1 x 8" DSDD + 3" SS disc drives

The UK distributor for Media Conversion products is:



Telephone 03943 6616

**TIMECLAIM****Timeclaim Limited** Tanyard House, Station Road,  
Woodbridge, Suffolk IP12 4AU

PART NO.	DESCRIPTION	PRICE
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### INTRODUCTION to the GEMINI RANGE of 5U HIGH FRAMES for the MultiBoard 1

We are pleased to announce the availability of a range of frames manufactured from brushed aluminium which are suitable for a wide spectrum of MultiBoard 1 based systems. There are 4 basic models:

**GM761:** A replacement for the GM610. This kit of aluminium extrusions and plates is an equivalent to the original item manufactured by Vero. Price: 72.00

**GM791:** This kit takes the concept of the GM761 a stage further and includes all the necessary aluminium plates to provide cover at both front and rear (except for the P.S.U. and motherboard). Additionally, an aluminium enclosure is provided for a power supply. It is assumed that an 8 way Motherboard will be fitted to the system. Price: 150.00

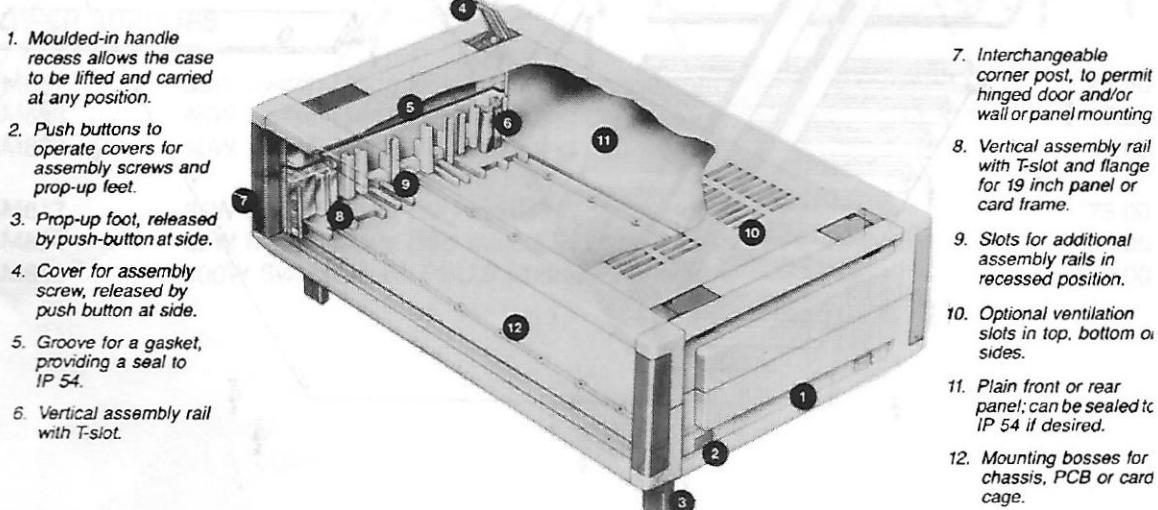
**GM792:** This kit is similar to the GM791 but makes provision for up to 2 half height disc drives to be housed in the system. These can be either floppies or Winchesters and a fixing position for a Winchester Controller Card is also provided.

Price: 195.00

**GM796:** This rack system is similar to the GM792 but makes specific provision for one or more PLUTO 2's. The kit includes an additional power supply enclosure for the -5V supply required for the PLUTO board. Price: 275.00

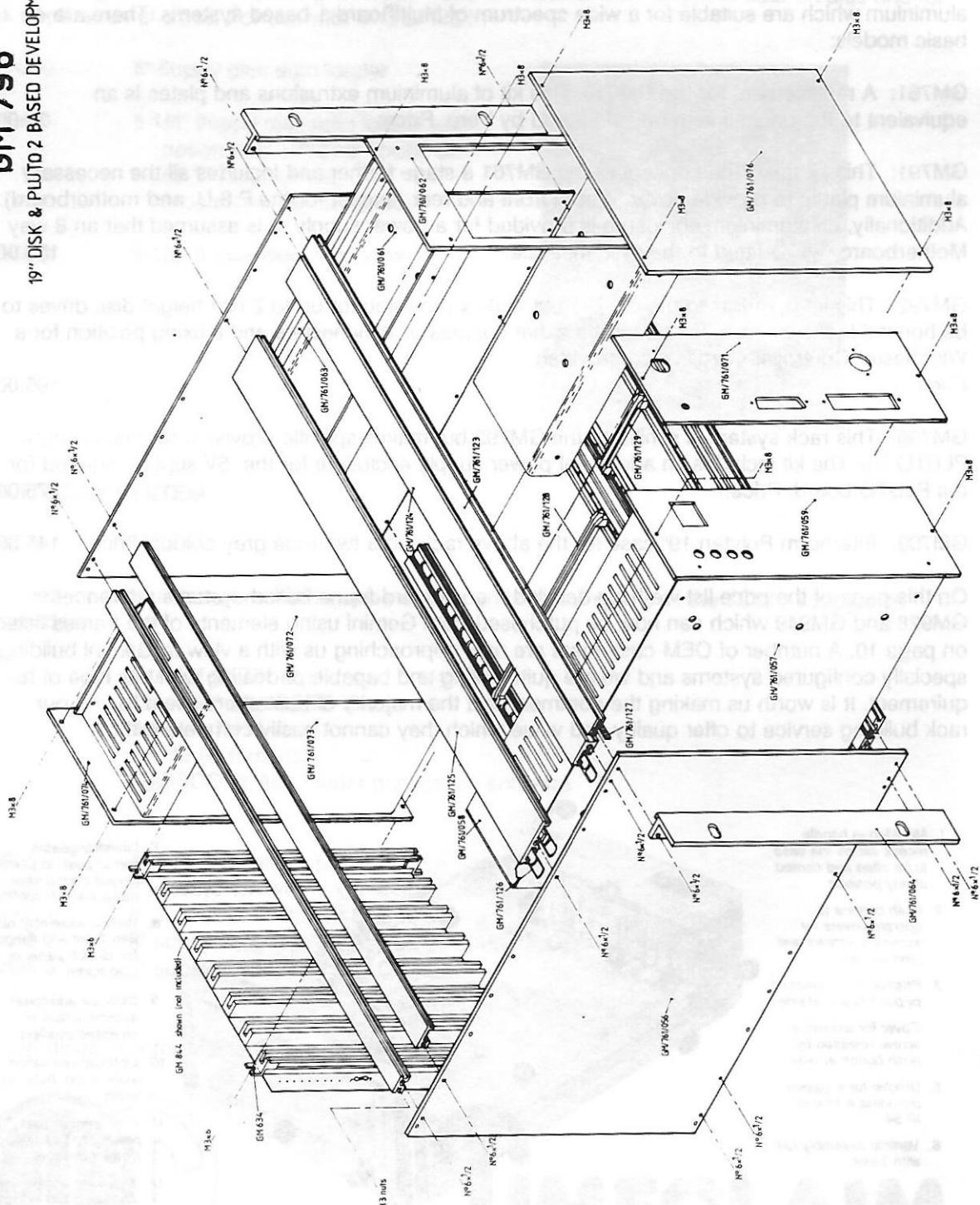
**GM799:** Internorm Polytan 19" case for the above racks in a two-tone grey colour. Price: 145.00

On this page of the price list we have detailed the standard frame based systems references GM928 and GM949 which can now be purchased from Gemini using elements of the frames listed on page 10. A number of OEM customers are now approaching us with a view to Gemini building specially configured systems and we are quite willing and capable of dealing with this type of requirement. It is worth us making the comment that the majority of customers seem to find our rack building service to offer quality and value which they cannot easily compete with.



GM 796

19" DISK & PLUTO 2 BASED DEVELOPMENT SYSTEM



PART NO.	DESCRIPTION	PRICE
<b>MULTIBOARD 1 BASED SYSTEMS</b>		
GM905	Galaxy 2 Computer with 2 x 800K Drives	1495.00
GM906	Galaxy 2 Computer with 1 x 800K Drive	1275.00
GM924	Galaxy 3 Computer 1x20 MB + 1x800K Drive	2450.00
GM909	Galaxy 4 MultiNet Workstation	750.00
GM923	Galaxy 4 MultiNet Colour Workstation (inc. PLUTO)	1325.00
GM923M	As above but also inc. Mini Palette	1650.00
GM927	Galaxy 4 MultiNet Fileserver (20 MB + 800K)	2700.00
GM928	ODIN CP/M Development System 2 x 800K in 19" Rack	1495.00
GM949	ODIN CP/M Development System/20 MB 1x800K + 19" Rack	2350.00
GM950	ODIN MS-DOS Development System 2 x 800K/360K in 19" Rack	1495.00
GM951	ODIN MS-DOS Dev. System 20MB + 1 x 800K/360K in 19" Rack	2350.00
NOTES: 1)	Gemini 4s require GM816 for Centronics printer I/O add 125.00	
2)	Gemini 2, 3 or M-F-B as 'Superstation' add GM836	

#### MONITORS and PERIPHERALS (plus related Cable Assemblies)

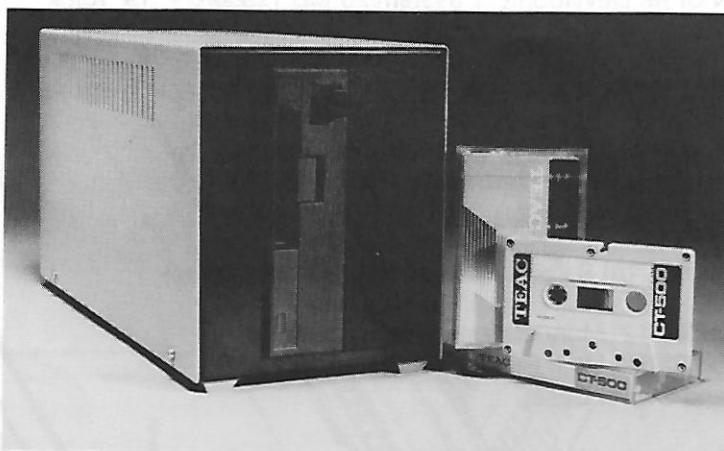
GM406	Eurovideo 12" Monochrome Monitor (Green)	160.00
GM412G	Cotron Rapier High Resolution Colour Monitor (Tilt and Swivel Base)	850.00
GM413	Digitiser Pad with Pen (GM699 Cable required)	675.00
GM414	Digitiser Pad with Cursor (GM699 Cable required)	775.00
GM860	Bytewide EPROM Programmer	150.00

#### POWER SUPPLIES

GM857	35W Switch Mode PSU including connectors	45.50
GM858	40W Switch Mode PSU including connectors	47.50
GM850	50W Switch Mode PSU including connectors	50.00
GM817	85W Switch Mode PSU including connectors	75.00
GM854	85W Switch Mode PSU including connectors	85.00
GM843	100W Switch Mode PSU including connectors	155.00

PART NO.	DESCRIPTION	DESCRIPTION	PRICE
GM855-20	20 MByte Tape Streamer sub-system f. GM849A FDC/SCSI controller	MULTIBOARD + BACKPLATE SYSTEM	
GM9110	Tape for GM855-20	Galaxy 1A Computer w/ 5 x 800K Drives	GM900
GM9400	50W IDS cable assy for GM849A to rear of Galaxy (38)	Galaxy 2 Computer w/ 1 x 800K Drive	
GM865-0	8" floppy sub-system with 1 x 8" drive	Galaxy 3 Computer w/ 1x800K Drive + Backplane	GM865
GM865-1	8" floppy sub-system with 1 x 8" + 3.5" drives	Galaxy 4 Multi-Computer w/ 1x800K Drive	GM865
GM865-2	8" floppy sub-system with 1 x 8" + 3.5" + 3" drives	Galaxy 5 Multi-Computer w/ 1x800K Drive	GM865
GM865-3	8" floppy sub-system with 1 x 8" + 3" drives	Galaxy 6 Multi-Computer w/ 1x800K Drive	GM865
GM885-20	20 Mega Byte Winchester Sub System	DIN 50000 Power Supply	GM885
GM885-40	40 Mega Byte Winchester Sub System	DIN 50000 Power Supply	GM885
GM895-1	5 1/4" Floppy Disk Sub System w. 1x800K drive.	DIN 50000 Power Supply	GM895
GM895-2	5 1/4" Floppy Disk Sub System w. 2x800k drives.	DIN 50000 Power Supply	GM895

Picture of Tape System



#### GM800 series DISK SUB-SYSTEMS

GM855-20	20 MByte Tape Streamer sub-system f. GM849A FDC/SCSI controller	995.00
GM9110	Tape for GM855-20	25.00
GM9400	50W IDS cable assy for GM849A to rear of Galaxy (38)	14.00
GM865-0	8" floppy sub-system with 1 x 8" drive	875.00
GM865-1	8" floppy sub-system with 1 x 8" + 3.5" drives	1100.00
GM865-2	8" floppy sub-system with 1 x 8" + 3.5" + 3" drives	1200.00
GM865-3	8" floppy sub-system with 1 x 8" + 3" drives	975.00
GM885-20	20 Mega Byte Winchester Sub System	795.00
GM885-40	40 Mega Byte Winchester Sub System	950.00
GM895-1	5 1/4" Floppy Disk Sub System w. 1x800K drive.	375.00
GM895-2	5 1/4" Floppy Disk Sub System w. 2x800k drives.	525.00



Gemini

PART NO.	DESCRIPTION	PRICE
<b>MULTIBOARD 1 BASED BOARDS</b>		
GM802	MultiBoard 1 64K RAM Board	95.00
GM811	MultiBoard 1 CPU Board	125.00
GM813	MultiBoard 1 CPU/64K RAM Board	175.00
EV814	MultiBoard 1 IEEE Board	195.00
GM816	MultiBoard 1 I/O Board RTC, CTC, 3 x PIO	125.00
GM818	Serial Daughter Board for GM816	65.00
GM822K	Real-Time Clock Kit	29.50
GM824	MultiBoard 1 A/D Board	125.00
IO828H	PLUTO 1 768 x 576	675.00
IO828L	PLUTO 1 640 x 576	600.00
IO828-1	PLUTO PL1-001A 640 x 576 interlaced 16 fixed colours	600.00
IO828-2	PLUTO PL1-002A 768 x 576 interlaced 16 fixed colours	675.00
IO828-3	PLUTO PL1-003A 640 x 576 16 from 4096 colours	900.00
IO828-4	PLUTO PL1-004A 768 x 576 16 from 4096 colours	975.00
GM832	MultiBoard 1 SVC Board	145.00
GM833	MultiBoard 1 512K RAM-Disc Board	395.00
GM836	MultiBoard 1 MultiNet Interface Board	50.00
GM836OEM	GM836 with Transport Software	70.00
GM836UPG	Galaxy Upgrade to Superstation	80.00
GM837	MultiBoard 1 Colour Graphics Board	95.00
NE840	Newburn (formerly Microcode) 14 slot Motherboard	67.00
GM841	MultiBoard 1 Extender Board	30.00
GM842	D-A Daughter Board for GM816	TBA
GM848	MultiBoard 1 Multi-Serial I/O Board (3 x SIO + PIO)	125.00
GM849A	MultiBoard 1 FDC/SCSI Board replaces GM829	145.00
GM851	12 Bit A-D Board	370.00
GM853	Bytewide Eprom Board	95.00
GM856	Costgold 8088 8 MHz Processor Board with 256k RAM	350.00
DY861	Tracker Ball Interface Board (inc. Tracker Ball)	125.00
GM862	MultiBoard 1 256K Dynamic RAM Board	295.00
GM863-32	32K Static RAM Board	150.00
GM863-64	64K Static RAM Board	215.00
IO864	PLUTO 2	2500.00
GM867	Opto Input Board for GM816	235.00
GM869	Opto Output Board for GM816	295.00
NE871	32 Opto-Input Board	350.00
GM873	MultiBoard 1 2 MByte RAM Disc	595.00
NE874	(NE310) Analogue Input Board	275.00
NE875	(NE875) Analogue Output Board	330.00
NE876	(NE876) Digital Input Board	195.00
NE877	(NE325) Digital Output Board	215.00
NE878	Frequency Counter Board	370.00
GM880	64180 CPU/RAM Board (available October 1987)	450.00
GM886	80286/1 MB CPU RAM Board (available October 1987)	525.00
GM888	MultiBoard 1 8088 Co-Processor Board	145.00
GM891	V21 & V22/Hayes compatible Modem Board (available October 1987)	295.00



Gemini

PART NO.	DESCRIPTION	PRICE
<b>KEYBOARDS</b>		
GM852SE	Low prof. 87 key kbd. in case w.cable Serial, English	135.00
GM852PE	Low prof. 87 key kbd. in case w.cable Par., English	145.00
GM852SD	Low prof. 87 key kbd. in case w.cable Serial, Danish	145.00
GM852PD	Low prof. 87 key kbd. in case w.cable Par., Danish	155.00
GM852SF	Low prof. 87 key kbd. in case w.cable Serial, French	155.00
GM852PF	Low prof. 87 key kbd. in case w.cable Par., French	160.00
GM852SG	Low prof. 87 key kbd. in case w.cable Serial, German	145.00
GM852PG	Low prof. 87 key kbd. in case w.cable Par., German	155.00
GM852SN	Low prof. 87 key kbd. in case w.cable Serial, Norwegian	145.00
GM852PN	Low prof. 87 key kbd. in case w.cable Par., Norwegian	155.00
GM852SS	Low prof. 87 key kbd. in case w.cable Serial, Swedish	145.00
GM852PS	Low prof. 87 key kbd. in case w.cable Par., Swedish	155.00

#### GM500 series SOFTWARE

NOTES: Gemini products in [] are additionally required to run these packages

'DDDS'	=	GM809/GM815 FORMAT (Pertec, 48tpi, Double Density, Double Sided)
'QDSS'	=	GEMINI FORMAT (Teac, 96tpi, Double Density, Single Sided)
'QDDS'	=	QUANTUM/GEMINI FORMAT (Teac, 96tpi, Double Density, Double Sided)
'PC'	=	IBM PC FORMAT

#### Operating Systems for GEMINI with Systems

GM512	CP/M 2.2 Bios V3.5 [GM809/GM829/GM849A + GM815]	DDDS	105.00
GM555	CP/M 2.2 Bios V3.5 [GM809/GM829/GM849A + GM825]	QDSS	105.00
GM578	CP/M-86 [GM809/GM829/GM849A + GM888 + GM825] or Galaxy + GM888]	QDDS	175.00
GM583	Bios V3.5 Upgrade of existing Gemini Master Disk		30.00
GM585	MultiNet V.2 upgrade/existing Gemini Master Disk		100.00
GM584	IBM COPY QDSS		65.00
GM590	MS-DOS f. GM856/GM886 Intel 8088 board PC		65.00

#### Operating Systems for NASCOMs with GEMINI disks

GM513	CP/M 2.2 [GM809/GM829 + GM815]	DDDS	125.00
GM556	CP/M 2.2 [GM809/GM829 + GM825]	QDSS/QDDS	125.00

#### CP/M Software for GEMINI & NASCOM Systems running Gemini QDSS Format

GM539	Gem-Zap QDSS	45.00
GM540	Gem-Debug QDSS	30.00
GM541	Gem-Pen QDSS	45.00
GM579	Digital Research GSX [Pluto] QDSS	75.00
GM580	Digital Research DR-DRAW [requires GSX] QDSS	320.00
GM573	Pluto Qwikdraw QDSS	75.00
GM548	GemGraphpac for IVC (links to MBASIC) QDSS	35.00
GM551	Economy BASIC for IVC QDSS	28.00
GM574	Economy BASIC for SVC QDSS	28.00
GM575	SVC Graphpac (links MBASIC) QDSS	35.00



PART NO.	DESCRIPTION	PRICE
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### Source Listings for Gemini Software and Firmware

All source listings are supplied for the purchaser's own use only - Gemini retains copyright on all code based on the use of these listings. Sales of these are made direct to the customer. Please note that listings for MFB and DX3, are not available.

GM563	CP/M 2.2 Bios (V2.4). Source: QDSS	500.00
GM564	IVC-MON V2. Source: QDSS	100.00
GM565	Format/Backup/Util. Source: QDSS	100.00
GM566	Config. Source: QDSS	50.00
GM567	SysWin/FormWin. Source: QDSS	100.00
GM568	SIMON Boot ROM. Source: QDSS	100.00
GM577	SVC-MON V4. Source: QDSS	100.00
GM589	MultiNet. Source: QDSS	On request

### GM600/GM700 series: MISCELLANEOUS

#### Motherboards and Connectors

GM632	77 Way Edge Connector	4.30
GM633	43 Way Edge Connector	2.25
GM634	Edge Connector Clips	0.13
GM655	Motherboard for 8 Connectors	10.00
GM656	Motherboard for 3 Connectors	5.00
GM682	Motherboard for 6 Connectors	7.50
NE840	Newburn (formerly Microcode) 14 slot Motherboard	67.00
GM9600	Motherboard for 8 Connectors in 2 rows of 4	30.00
GM844	8-slot Motherboard assembly	50.00
GM845	6-slot Motherboard assembly	38.00
GM846	3-slot Motherboard assembly	22.00

#### Frames, Enclosures and Related Accessories

GM609	3A PSU Enclosure for 19" VERO Frame	14.50
GM761	19" Frame Development System Enclosure	72.00
GM661	Galaxy Enclosure (excluding card frame)	90.00
GM762	Galaxy Enclosure issue 5 (will accommodate 4 half height drives excludes GM685 Frame but includes front panel)	105.00
GM763	Galaxy Enclosure issue 5 (will accommodate 2 half height drives excludes GM685 Frame but includes front panel - will accommodate PLUTO 2)	105.00
GM687	3 Card Enclosure (as GM909 but excludes card frame including front moulding)	70.00
GM688	6 Card Enclosure (excluding frame)	80.00
GM685	6 Card Internal Frame Assembly	55.00
GM686	3 Card Internal Frame Assembly	45.00
GM702	Small Back plate for Galaxy - Plain	6.00
GM703	Small Back plate for Galaxy - MultiNet	6.00
GM704	Small Back plate for Galaxy - IEEE	6.00
GM718	Small Back plate for Galaxy/Workstation - 34W + 50W IDS	7.50

PART NO.	DESCRIPTION	PRICE
<b>Frames, Enclosures and Related Accessories Continued</b>		
GM710	Large Back plate for Galaxy/Workstation - 4 x DB25 + Rotary	8.50
GM711	Large Back plate for Galaxy/Workstation - 4 x DB25	8.50
GM712	Large Back plate for Galaxy/Workstation - 34W + 2x50W IDS	8.50
GM713	Large Back plate for Galaxy/Workstation - 16W + 3x26W IDS	8.50
GM726	Large Back plate for Galaxy/Workstation - Plain	8.50
GM732	Large Back plate for Galaxy/Wstation - IEEE + DB9/15/25 + DIN	12.50
GM760	Large Back plate for Galaxy/Workstation - 34W + 3x50W IDS	12.50
GM9223	Large Back plate for Galaxy/Workstation - 1x50W + 1x34W IDS	8.50
GM798	Large Back plate for Galaxy/Wstn - 1x50W + 1x34W IDS + 2xDB2	12.50
GM738	Replacement moulded front panel for Gemini 2 and 3	18.00
GM739	Replacement moulded front panel for GM909 Workstation	11.00
GM779	Replacement moulding for GM852 keyboard	14.00
GM791	19" Rack Assembly for diskless development system	150.00
GM792	19" Rack Assembly for disk based development system	195.00
GM797	As GM792 but with provision for extra PSU and brackets for PLUTO 2	275.00
GM799	Internorm Polytan 19" case for Rack assembly	145.00
GM9220	Large Back Plate 1 x 50W + 1 x 34W IDS	8.50
GM9221	Large Back Plate for Galaxy/Wstn - 3xDB25 + 1DB15 + Rotary	12.50
GM9222	Large Back Plate for Galaxy/Wstn - 1xCentronics + 1xDB25	TBA

#### Disk Drives and Accessories

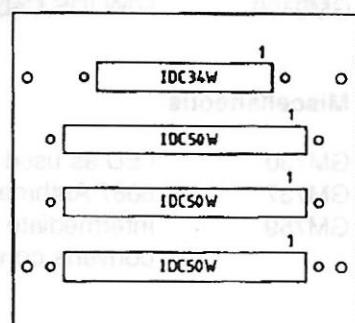
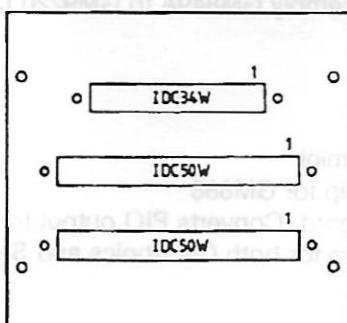
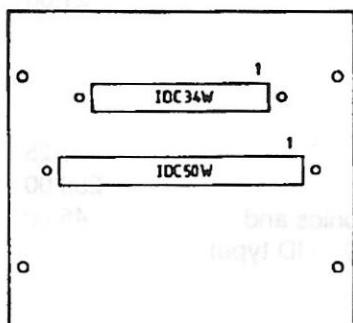
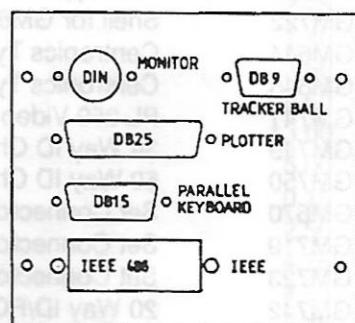
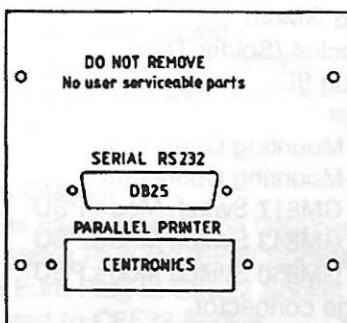
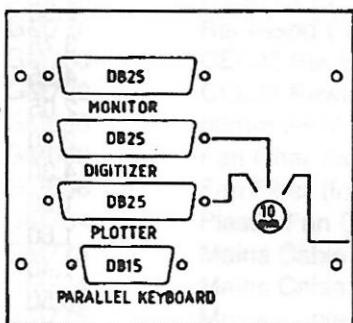
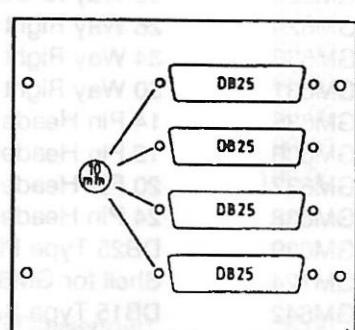
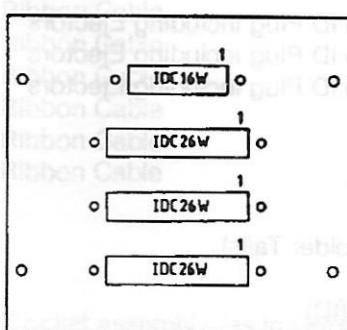
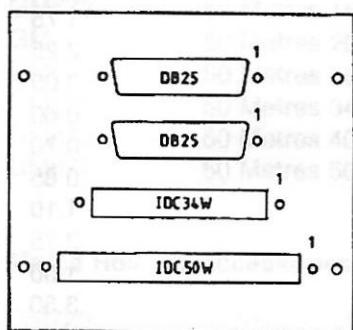
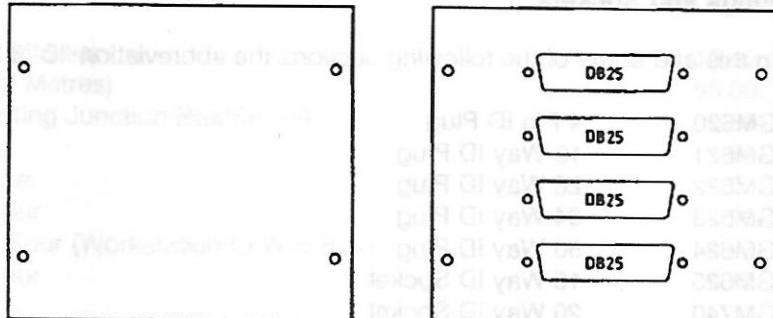
GM706	Teac FB55B 5.25" 48 tpi DDDS 1/2 ht. (400K)	118.00
GM707	Teac FD55F 5.25" 96 tpi QDDS 1/2 ht. (800K)	138.00
GM748	Teac FD55GF 96 tpi Dual Speed 1/2 ht. (800K/1.2MB)	190.00
GM752	Teac FD35F 3.5" DS (800K)	150.00
GM770	Mitsubishi M2896 8" Double Sided Drive	425.00
GM743	Metal Full Height Drive Blanking Plate	6.00
GM757	Plastic Full Height Drive Blanking Plate (including GNM900/016 mounting bracket)	7.50
GM758	Plastic Half Height Drive Blanking Plate (including GNM900/016 mounting bracket)	7.50
GM771	Rodime RO352 10 MByte 3.5" Winchester Drive	500.00
GM754	MiniScribe 3425 20 MByte 5.25" half-height	450.00
GM695	Xebec S1410A Winchester Controller Board	245.00
GM9001	Adaptec ACB4000A Winchester Controller Board	320.00
GM9020	NEC D5126 20 MByte Winchester Drive inc. V.F Xebec PROM	450.00
GM9021	NEC 40 MByte Winchester Drive	650.00
GM9022	MiniScribe 8425 20 MByte 3.5" Winchester Drive	450.00
GM9023	Teac FD-35HFN High Capacity (2 MByte unformatted)	TBA
GM727	Full height bezel for Toshiba floppy disk drive	10.00
GM9101	Full height bezel for Teac floppy disk drive	10.00
GM9110	Tape for GM855-20	25.00

PART NO.	DESCRIPTION	PRICE
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### BACK PLATES for GALAXY, WORKSTATION and M-F-B 2 ENCLOSURES

All Gemini Galaxy, Workstation and M-F-B 2 enclosures have a cut out on the rear panel so that one of the range of back plates depicted on this page can be used for special applications. Standard systems being shipped from the factory are automatically fitted with the GM726 backplate. However, we are prepared to substitute this, at no extra cost, if a customer specifies an alternative at the time of ordering the system.

The diagrams on this page show the type of connectors that can be mounted onto the various back plates, e.g. IDC 34W which is a 34 Way Insulation Displacement Connector.



PART NO.	DESCRIPTION	PRICE
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### Plugs and Sockets

In this and some of the following sections the abbreviation 'ID' is used for Insulation Displacement.

GM620	4 Pin ID Plug	0.20
GM621	16 Way ID Plug	0.80
GM622	26 Way ID Plug	1.20
GM623	34 Way ID Plug	1.50
GM624	50 Way ID Plug	2.00
GM625	16 Way ID Socket	1.30
GM740	20 Way ID Socket	1.30
GM626	26 Way ID Socket	1.80
GM627	34 Way ID Socket	2.40
GM628	50 Way ID Socket	3.75
GM629	26 Way Right Angle ID Plug including Ejectors	1.75
GM630	34 Way Right Angle ID Plug including Ejectors	2.25
GM631	50 Way Right Angle ID Plug including Ejectors	3.00
GM635	14 Pin Header Plug	0.60
GM636	16 Pin Header Plug	0.70
GM637	20 Pin Header Plug	0.85
GM638	24 Pin Header Plug	1.10
GM639	DB25 Type Plug (Solder Tails)	3.75
GM724	Shell for GM639	1.50
GM642	DB15 Type Socket (ID)	3.50
GM643	DB15 Type Plug (ID)	3.00
GM666	DB9 Type Socket (Solder Tails)	1.50
GM667	DB9 Type Plug (Solder Tails)	1.20
GM722	Shell for GM666 and GM667	2.50
GM644	Centronics Type Socket (Solder Tails)	3.75
GM645	Centronics Type Plug (ID)	4.95
GM741	PL-259 Video Socket	2.05
GM749	34 Way ID Chassis Mounting Connector	2.70
GM750	50 Way ID Chassis Mounting Connector	4.30
GM670	Set Connectors for GM817 Switch Mode PSU	1.50
GM719	Set Connectors for GM843 Switch Mode PSU	1.60
GM723	Set Connectors for GM850 Switch Mode PSU	1.40
GM742	20 Way ID/PCB edge connector	3.50
GM619	34 Way ID/PCB edge connector	4.75
GM715	50 Way ID/PCB edge connector	7.50
GM651	Disk drive Power Socket/Pins	0.60
GM9400	50W IDS Cable Assembly GM849A to GM9220 (38)	21.00

### Miscellaneous

GM730	LED as used in Gemini	1.25
GM737	8087 Arithmetic Chip for GM888	250.00
GM759	Intermediate I/O Board (Converts PIO output to Centronics and converts connectors for both Centronics and Serial I/O to ID type)	45.00

PART NO.	DESCRIPTION	PRICE
<b>MultiNet Accessories</b>		
GM678-20	MultiNet Cable (20 Metres)	15.00
GM678-100	MultiNet Cable (100 Metres)	55.00
GM679	MultiNet Wall Mounting Junction Box/Socket	3.50
GM680	MultiNet 3 Pin Plug	1.20
GM697	MultiNet 3 Pin Socket	1.20
GM716	MultiNet 1 Metre Spur	4.00
GM751	MultiNet 1.5 Metre Spur (Workstation to Wall Box)	4.30
GM793	MultiNet 2 Metre Spur	4.75
<b>Ribbon Cable for use with Insulation Displacement Connectors</b>		
GM672	50 Metres 16 Way Ribbon Cable	40.00
GM673	50 Metres 20 Way Ribbon Cable	60.00
GM674	50 Metres 26 Way Ribbon Cable	65.00
GM675	50 Metres 34 Way Ribbon Cable	80.00
GM676	50 Metres 40 Way Ribbon Cable	90.00
GM677	50 Metres 50 Way Ribbon Cable	130.00
<b>Mains Related Accessories</b>		
GM729	Mains Switch/Fuse/Socket assembly (as in GM909/865/Challenger)	5.00
GM777	Filtered Mains Switch/Fuse/Socket assembly (as used in issue 5 Galaxy enclosures)	17.50
GM728	Flush CEE22 Mains Outlet Socket	2.25
GM778	Recessed CEE22 Mains Outlet Socket	1.40
GM780	CEE22 Rewireable Plug (for use with GM778)	3.50
GM782	CEE22 Rewireable Plug (for use with GM777)	3.50
GM690	80mm 240V Mains Fan	13.00
GM689	Fan Filter Assembly	5.00
GM696	Fan Filter (for use in GM689)	0.15
GM764	Plastic Fan Cover (as used currently on Galaxys)	2.50
GM773	Mains Cable - U.K. Mains Plug to CEE22 Socket	4.75
GM774	Mains Cable - 2 pin Euro Plug to CEE22 Socket	4.50
GM775	Mains Cable - Free end to CEE22 Socket	2.75
GM776	Mains Cable - Shrouded CEE22 Plug to CEE22 Socket	6.25
GM794	Plug to fit in GM728 Socket	3.00
GM795	Plug to fit in GM728 Socket with 1 Metre Cable	4.80

PART NO.	DESCRIPTION	(Note)	PRICE
<b>Assembled Cables</b>			
GM646	Parallel Galaxy Keyboard Cable (Coiled Type)	(1)	19.50
GM649	34 Way Cable Assembly (Galaxy)	(2)	16.00
GM660	Gemini Video Cable (PL259-Phono)	(20)	5.00
GM665	Parallel Printer Cable with Amphenol Plugs	(4)	15.00
GM668	Keyboard Cable Assembly (for use in GM664)	(5)	6.00
GM669	Internal Parallel Printer Cable (Galaxy)	(6)	15.00
GM671	Internal Parallel Keyboard Cable (Galaxy)	(7)	6.00
GM683	Internal Serial Printer Cable (Galaxy)	(8)	8.00
GM699	Serial Cable for Digitiser Pad	(16)	15.00
GM705	26 Way Cable for GM836 to GM811/GM813	(19)	5.00
GM714	Set Cables for Galaxy IVC - SVC Conversion	(14)	8.00
GM717	Cable for Colour Workstation to Rapier Monitor	(15)	32.00
GM731	20 Way Internal Winchester Cable	(9)	6.50
GM733	Internal Video Cable (SVC)	(10)	2.00
GM734	Cable 26 Way IDS on GM848/DB25 (use with GM711)	(12)	6.50
GM735	Internal Cable Assembly/Cassette and L Pen	(11)	1.50
GM736	Internal Serial Keyboard Cable	(13)	6.50
GM755H	Set (3) Winchester Upgrade Cables (horizontal)	(23)	31.00
GM755V	Set (3) Winchester Upgrade Cables (vertical)	(24)	31.00
GM756H	Winchester (GM829-Floppy) Drive Cable (horizontal)	(25)	9.50
GM756V	Winchester (GM829-Floppy) Drive Cable (vertical)	(26)	9.50
GM765	Cable from GM732 Back Plate (DB25) to GM412G	(27)	32.00
GM766	Internal Cable from PLUTO to GM732 Back Plate	(28)	6.00
GM767	Internal Cable from Mini Palette to GM732	(29)	11.00
GM781	DB9 Socket Right Angle PCB Mounting		2.25
GM783	34 Way Cable Assembly to support external 5.25"/3.5" Floppy Drives	(30)	10.50
GM784	50 Way Cable Assembly to support external 8" Floppy Drives	(31)	18.00
GM785	16 Way Cable Assembly Serial I/O to GM759	(32)	6.50
GM786	26 Way Cable Assembly PIO to GM759	(33)	7.00
GM787	25 Way Cable Assembly GM759 to Galaxy Back Panel	(34)	11.50
GM788	34 Way Cable Assembly GM759 to Galaxy Back Panel	(35)	13.00
GM789	34 Way Cable Assembly for interconnecting M-F-B - IO socket at each end	(36)	9.00
GM790	50 Way Cable Assembly for interconnecting M-F-B - IO socket at each end	(37)	8.00
GM9400	50W IDS cable assy for GM849A to rear of Galaxy/Odin sys. for GM855	(38)	21.00



PART NO.	DESCRIPTION	PRICE
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### Cable Notes

- (1) Coiled Cable, DB15 plug at one end to a DB15 socket.
- (2) 22" Long, 34 Way ID Socket at End 1 to 2 x 34 Way PCB cons 3.75" apart at End 2.
- (4) 36" Long with Centronics Type ID Plug at each end. (Standard cable for use with Epson printers etc.)
- (5) 6" Long, 16 Way ID Socket to DB15 Type Plug. (For use inside keyboard cases.)
- (6) 10" Long, 26 Way ID Socket (PIO compatible) to Centronics type Socket. (As used inside Galaxy.)
- (7) 36" Long, 16 Way ID Socket (GM811/GM812 Kbd. Skt.) to DB15 type Socket (GM821E/GM827E).
- (8) 14" Long, 16 Way ID Socket (GM811/GM813 RS232 Skt.) to DB25 type Socket.
- (9) 12" Long, 20 Way ID Socket to 20 Way PCB Edge Connector.
- (10) 12" Long, 5 pin 'Dice' DIN Plug to open end, supplied with PL259 chassis Socket.
- (11) 19" Long, 5 pin 180 degrees DIN Plug to 5 pin 180 degrees DIN chassis Socket, L/Pen or Cassette.
- (12) 14" Long, 26 Way ID Socket to DB25 type chassis Socket wired pin for pin.
- (13) 14" Long, 6 pin DIN Plug to 6 pin chassis Socket for internal keyboard.
- (14) 2 Cables, (a) 17" Long 6 pin DIN Plug to 6 pin DIN chassis Socket.  
(b) 12" Long 5 pin 'Dice' DIN Plug to Open End.
- (15) 58" Long, DB25 Type Plug to DB25 Type Plug wired for Cotron Monitors.
- (16) 50" Long, DB25 Type Plug to DB25 Type Plug wired for Calcomp Digitizer Pad.
- (19) 10" Long, 26 pin ID Socket to 26 pin ID Socket.
- (20) 45" Long, PL259 Plug to Phono Plug.
- (23) Set 3 Cables horizontally mounted Xebec Controller
  - (a) GM829/GM849A to Xebec 6" long with 50 Way ID Socket at each end.
  - (b) Xebec to Winchester 10" long 20 Way PCB to 20 Way ID Socket.
  - (c) Xebec to Winchester 9" long 34 Way PCB to 34 Way PCB + 2 sets of Drive Connectors and Pins.
- (24) As note (23) but Cable (a) 25" long.
- (25) 18" Long 34 Way ID Socket to 34 Way PCB.
- (26) 24" Long 34 Way ID Socket to 34 Way PCB.
- (27) 36" Long 6 pin DIN to DB25 Type Socket.External cable assembly for output to GM412G Monitor.
- (28) 9" Long 6 pin DIN to 20 Way ID Socket.Internal cable assembly from PLUTO to GM732 Back Plate.
- (29) 9" Long 12 Way ID connector to DB25 Type Socket. Internal cable from Mini Palette to GM732 Back Plate.
- (30) 12" Long 34 Way ID Socket to 34 Way chassis mounting ID Socket to support external 5.25"/3.5" Floppy disk drives.
- (31) 36" Long 50 Way ID Socket to 50 Way chassis mounting ID Socket to support external 8" Floppy disk drives.
- (32) 19" Long 16 Way Cable Assembly with 16 Way ID Socket at each end.Serial I/O on GM811/GM813 to GM759.
- (33) 15" Long 26 Way Cable Assembly with 26 Way ID Socket at each end. PIO on GM811/GM813 to GM759.
- (34) 12" Long 26 Way Cable Assembly with 26 Way ID Socket to DB25 Type Socket.GM759 to Galaxy Back Panel.
- (35) 8" Long 34 Way Cable Assembly with 34 Way ID Socket to Centronics Type Socket.GM759 to Galaxy Back Panel.
- (36) 11" Long 34 Way Cable Assembly with 34 Way ID Socket at each end - 34 Way connector on 829/849 to Galaxy Back Panel.
- (37) 11" Long 50 Way Cable Assembly with 50 Way ID Socket at each end - SCSI/8" on 829/849 to Galaxy Back Panel.
- (38) 19" Long 50 Way Cable Assembly with 50 way ID Socket at each end plus 50 way edge card connector for drive.



Gemini

PART NO.	DESCRIPTION	PRICE
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## SEMICONDUCTORS

### Memory Devices

PART NO.	DESCRIPTION	PRICE
4116	16K x 1 250 nS DRAM	1.00
4164	64K x 1 150 nS DRAM	2.25
41256	256K x 1 150 nS DRAM	6.50
2732	4K x 8 EPROM	4.75
2764	8K x 8 EPROM	5.50
6116	2K x 8 SRAM	6.00
6264	8K x 8 SRAM	6.25

### PROMs and PALs

PM-1	GM811 Memory Decode PROM	3.00
PIO-1	GM811 I/O Decode PROM	3.00
813 PAL	GM813 Memory Decode PAL (14L4)	5.50
813-1	GM813 I/O Decode PROM	3.00
812-I/O	GM832/GM812 I/O Decode PROM	3.00
833-1	GM833 I/O Decode PROM	3.00
862-1	GM862 Addressing Mode Decode PROM	3.00
-1A (82S129)	GM853/GM863 Bank A Address Decode PROM	3.00
-1B (82S129)	GM853/GM863 Bank B Address Decode PROM	3.00
-2 (82S129)	GM853/GM863 Device Size Decode PROM	3.00
837-1	GM837 DRAM Control PROM	3.00
837-2	GM837 I/O Decode PROM	3.00
103/5	GM888 Reset Jump PROM	3.00
SM09/A	GM888 State Machine PROM	3.00
SM09/B	GM888 State Machine PROM	3.00
SM09/C	GM888 State Machine PROM	3.00

If orders are placed for custom blown PROMs the first copy will be invoiced at the amount shown for 811MEM and 812-I/O-S.

Subsequent copies will be charged at the normal price denoted above.

811MEM	GM811 Memory Decode PROM blown to customer spec.	12.50
812-I/O-S	GM832/GM812 I/O Decode PROM blown to customer spec.	12.50

### Z80 Devices

Z80A CPU	4 MHz CPU	3.50
Z80B CPU	6 MHz CPU	4.25
Z80A PIO	4 MHz PIO	3.50
Z80A CTC	4 MHz CTC	3.50
Z80A SIO	4 MHz SIO	4.75



PART NO.	DESCRIPTION	DESCRIPTION	PRICE
<b>Miscellaneous Devices</b>			
6845	Video Controller Chip	GM8310A Main CPU	7.70
8250	UART	GM8310 Serial I/O Board	21.50
1397	3 Chip Set FDC Controller 1797/1691/2143 (GM809/GM829)	GM8310 SCSI Controller	35.00
2793	FDC Controller (GM849A and Challenger)	GM8310 Hardwired Manual	30.00
8087	8 MHz Arithmetic Chip for GM888	GM8310 Memory	250.00
75174	RS422 Device for GM836 Board	GM8310 Video Frame	4.50
75175	RS422 Device for GM836 Board	GM8310 Video Memory	4.50
75176	RS422 Device for GM836 Board	GM8310 Hardwired Manual	7.00
<b>Nascom Devices</b>			
81LS97			1.75
DM8131			2.50
N210	A/1M 5600 CPU		5.00
<b>GM300 series MANUALS/LITERATURE</b>			
GM301	Z80 CPU (MK3880) Manual	Flexi Change Reader - 8x8 Matrix	4.00
GM302	Z80 PIO (MK3881) Manual	Flexi Change Reader - 8x8 Matrix	3.50
GM303	NAS-SYS 3 Manual	Flexi Change Reader - 8x8 Matrix	5.00
GM305	179X FDC Manual	Flexi Change Reader - 8x8 Matrix	1.75
GM306	GM811 CPU Hardware Manual	Flexi Change Reader - 8x8 Matrix	2.00
GM307	GM811 RP/M Software Manual	Flexi Change Reader - 8x8 Matrix	1.00
GM310	GM803 EPROM Hardware Manual	Flexi Change Reader - 8x8 Matrix	1.00
GM311	GM802 RAM Hardware Manual	Flexi Change Reader - 8x8 Matrix	1.00
GM314	GM517/8 GEM-ZAP Manual	Flexi Change Reader - 8x8 Matrix	3.50
GM315	GM519-521 GEMPEM Manual	Flexi Change Reader - 8x8 Matrix	2.50
GM316	GEMINI-2 User Manual	Flexi Change Reader - 8x8 Matrix	11.00
GM348	GEMINI-3 User Manual	Flexi Change Reader - 8x8 Matrix	11.00
GM317	GM524/5 GEM-DEBUG Manual	External Microdrive (10MB)	2.00
GM318	GM813 Hardware Manual	External Microdrive (50MB)	2.50
GM319	CP/M 2.2 Manuals (Digital Research)	Exchange N.E.	29.50
GM320	Z80 CTC (MK3882) Manual	Exchange GM811 for GM831	3.50
GM321	GM816 I/O Board Hardware Manual	Exchange GM831 for GM832	1.50
GM322	GM829 FDC/SASI Hardware Manual	Exchange GM832 for GM831	1.50
GM323	MultiNet Workstation User Manual	Exchange GM832 for GM831	2.50
GM324	MultiNet Workstation System Manual	Exchange GM832 for GM831	2.50
GM325	MultiNet Installation Manual	Exchange Xmodem Software	2.50
GM326	MultiNet Superstation User Manual	Exchange Xmodem Software	2.50
GM327	MultiNet GM836 OEM Manual	Exchange Xmodem Software	2.50
GM328	M-F-B Software Manual		N/A
GM329	GM818 Serial Daughter Instruction Manual		2.50
GM330	GM832 SVC Software Manual		2.50
GM331	GM832 SVC Hardware Manual		1.80
GM332	GM837 Colour Board User Manual		5.00
GM333	GM860 EPROM Programmer User Manual		1.80



Gemini

PART NO.	DESCRIPTION	PRICE
<b>GM300 series MANUALS/LITERATURE Continued</b>		
GM334	GM833 RAM Disk User Manual	1.50
GM335	GM848 Serial I/O User Manual	1.50
GM336	Z80 SIO (MK3884) Manual	5.00
GM337	GM824 Hardware Manual	2.00
GM338	CP/M-86 Manual	50.00
GM343	Switch Mode Power Supply Manual	1.00
GM344	GM888 User Manual	2.00
GM345	GM862 Hardware Manual	1.50
GM346	Bios V3 Manual	3.50
GM347	GM870 Modem Manual	2.80
GM348	Galaxy 3 User Manual	11.00

#### FIXED REPAIR CHARGES

GM111	Fixed Charge Repair - Systems (all MultiBoard 1 types)	55.00
GM112	Fixed Charge Repair - 8 x 8 MultiBoard 1 Boards	28.00
GM113	Fixed Charge Repair - GM836 Network Board	14.00
GM114	Fixed Charge Repair - GM860 EPROM Programmer	28.00
GM115	Fixed Charge Repair - Rodime Winchester	195.00
GM116	Fixed Charge Repair - 8" Floppies	120.00
GM117	Fixed Charge Repair - 5.25" Floppies	75.00
GM118	Fixed Charge Repair - 3.5" Floppies	60.00
GM119	Fixed Charge Repair - 3" Floppies	50.00
GM120	Fixed Charge Repair - GM695 Xebec	125.00
GM121	Fixed Charge Repair - Power Supplies	28.00
GM122	Fixed Charge Repair - GM852 Keyboard	20.00
GM123	Fixed Charge Repair - GM406 Eurovideo Monitors	35.00
GM124	Fixed Charge Repair - Cotron Monitors	100.00
GM125	Fixed Charge Repair - Systems (all 68K-BUS types)	95.00
GM140	Exchange Teac for Micropolis	115.00
GM141	Exchange Miniscribe (10MB) for Rodime	295.00
GM142	Exchange Miniscribe (20MB) for Rodime	330.00
GM142N	Exchange N.E.C. (20MB) for Rodime (inc. Ref F PROM)	330.00
GM143	Exchange GM817 for old VMS 2600	60.00
GM144	Exchange GM843 for old VMS 2800	125.00
GM145	Exchange GM827 for GM827	50.00
GM146	Exchange 8" Mitsubishi for old 8" Tandom	330.00
GM147	Exchange PROM for Rodime Drives	30.00
GM148	Exchange Xebec controller	175.00

#### Notes:

- Prices as described in GM111 and GM125 do not take into account the cost of repairing Winchesters, Floppies, Streamers or other items which are denoted in the GM120 series. The repair charge quoted under these 2 headings, however, covers all other aspects of repairs to the systems.
- With the introduction of the N.E.C. 5.25" 20 MByte Winchester in our range we may, from time to time, supply this device in lieu of the MiniScribe which are referred to in GM141 and GM142. If the N.E.C. drive is supplied it is important that the customer understands that they need a revision F PROM in the GM695 Xebec card.
- When our existing stock is exhausted we will not be able to supply the 10 MByte MiniScribe drive which is used in GM141. At that point the only exchanges will be under the heading of GM142.