



PHILIPS

• Circular Letter

afd. dept. abt./ref. zeichen

I.G. Integrated Circuits
KM/HK/1704

•
onderw. re.
conc. betr.

doorkiesnummer in-dialling
accès intern dir. durchwahl

datum, date

(040) 7 22555/22325 1979-08-03

Dear Sirs,

Even the best systems break down and need maintenance. The TWIN is no exception. We can offer the type of maintenance for the TWIN which best suits your needs:

1. All-in service - all corrective and preventative actions on site necessary to keep the TWIN running optimally with no hidden costs and an 48 hour response time for Hfl. 4.500.-- per annum.
2. Time & Parts - a corrective action on site to repair your system for Hfl. 1.500.-- plus the replacement cost (see appendix) of the defective item.
- ③ Scheduled preventative maintenance - a 6 monthly check, lubricate, adjust and clean of the TWIN system which will help reduce the number of service calls and a 20 % reduction on labour costs in the case of a service call for Hfl. 1.500.-- per annum.
4. Preventative maintenance ad hoc. - a check, lubricate, adjust and clean of the TWIN on a one off basis as and when you require for Hfl. 750.-- per visit.
5. Replacement service - the item diagnosed by you as defective and returned to Eindhoven is replaced after receipt of the defective item. The cost as per the Replacement costs price list (see appendix).
6. Repair service - items returned for repair to Eindhoven are repaired and returned to you as per the Repair cost price list (see appendix)



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If you wish to make use of one of these services or require more details please contact me.

Yours sincerely,

p.o. N.V. Philips' Gloeilampenfabrieken

K.T. Merrington

All-in Service Conditions

The following is included under the terms of the above service:

Corrective Maintenance - the diagnosing repair/replacement of any defective system part of the TWIN excluding faults caused by incorrect usage, user negligence or unskilled repair.

Preventative Maintenance - a biannual check, lubrication, adjustment and cleaning of the TWIN system.

Response Time - a service visit will normally be made within 2 working days of the fault being reported.

REPAIR PRICE LISTPCB'sHFL

TW90012041	JE	4K RAM Memory PCB	9390	261	10000	175
TW90012032	JE	32K Memory PCB	9390	281	60000	250
TW90012161	JE	4K RAM Memory + PROM	9390	266	50000	175
TW90012048	JE	48K Memory PCB	9390	281	70000	360
TW90012071	JE	1702A PROM Programmer PCB	9390	261	20000	275
TW90012081	JE	82S115 PROM Progr. PCB	9390	261	30000	275
TW90012011	JE	G.P.I.O. PCB	9390	261	40000	175
TW90012051	JE	Master CPU PCB + 2650	9390	266	30000	360
TW90012061	JE	Slave CPU PCB + CT 354	9390	266	40000	275
TW90012062	JE-A	2650 A/B Slave PCB	9390	282	00000	275
TW90012021	JE	Debug PCB	9390	266	60000	275
TW90012152	JF	Floppy Disk Controller PCB	9390	266	20000	360
TW90012091	JF	Card Extender	9390	261	50000	160
TW90012092	JF-RT	Logic Analyzer PCB	9390	282	20000	375
TW90013011	JB	Twice complete	9390	264	80000	275
TW90013011	JB-A	2650A/B Twice	9390	282	10000	275
TW90067011	JE	Mother Board	9390	266	10000	175

UNITS

TW90019021	JJ	Maintenance Front Panel	9390	260	20000	360
TW02650000	JA	PDC Super	9390	264	40000	2.200
TW02650002	JA	PDC Basic	9390	264	50000	2.200
TW01400001	JC	Dual Floppy Disk 50Hz + Cable	9390	265	00000	1.650
TW09200050	JI	CRT Terminal without Cable	9390	265	50707	715
TW09210050	JH	Line Printer without cable	9390	265	70000	880
TW80020021	JC	Floppy Disk Drive 50Hz	9390	267	50000	715
TW90019011	JJ	Front Panel (standard)	9390	264	60000	275
TW90069021	JG	Power Supply Assembly	9390	264	70000	360
TW90079031	JG	Floppy Disk Power Supply	9390	265	20000	275

REPLACEMENT PRICE LISTPCB'sHFL

TW90012041	JE	4K RAM Memory PCB	9390 261 10000	200
TW90012032	JE	32K Memory PCB	9390 281 60000	290
TW90012161	JE	4K RAM Memory + PROM	9390 266 50000	200
TW90012048	JE	48K Memory PCB	9390 281 70000	415
TW90012071	JE	1702A PROM Programmer PCB	9390 261 20000	315
TW90012081	JE	82S115 PROM Progr. PCB	9390 261 30000	315
TW90012011	JE	G.P.I.O. PCB	9390 261 40000	200
TW90012051	JE	Master CPU PCB + 2650	9390 266 30000	415
TW90012061	JE	Slave CPU PCB + CT 354	9390 266 40000	315
TW90012062	JE-A	2650 A/B Slave PCB	9390 282 00000	315
TW90012021	JE	Debug PCB	9390 266 60000	315
TW90012152	JF	Floppy Disk Controller PCB	9390 266 20000	415
TW90012091	JF	Card Extender	9390 261 50000	185
TW90012092	JF-RT	Logic Analyzer PCB	9390 282 20000	431
TW90013011	JB	Twice complete	9390 264 80000	315
TW90013011	JB-A	2650A/B Twice	9390 282 10000	315
TW90067011	JE	Mother Board	9390 266 10000	200

UNITS

TW90019021	JJ	Maintenance Front Panel	9390 260 20000	415
TW02650000	JA	PDC Super	9390 264 40000	2.500
TW02650002	JA	PDC Basic	9390 264 50000	2.500
TW01400001	JC	Dual Floppy Disk 50Hz + Cable	9390 265 00000	2.000
TW09200050	JI	CRT Terminal without Cable	9390 265 50707	825
TW09210050	JH	Line Printer without cable	9390 265 70000	1.010
TW80020021	JC	Floppy Disk Drive 50Hz	9390 267 50000	825
TW90019011	JJ	Front Panel (standard)	9390 264 60000	825
TW90069021	JG	Power Supply Assembly	9390 264 70000	415
TW90079031	JG	Floppy Disk Power Supply	9390 265 20000	315