



PHILIPS

- To : All N.O.'s and internal
TWIN customers

afd. dept. abt./ref. zeichen

B.U. Integrated Circuits
MK/MR/3684

onderw. re
conc. betr.

doorkiesnummer in-dialling
accès intern dir. durchwahl

datum, date

Service of TWIN-system

(040) 7 22041

1982-07-09

Dear Sirs,

Hereby we would like to inform you, that the service and maintenance activities for the TWIN-system no longer will be carried out by the IC-group of Elcoma (i.e. Mr Merrington), but by a service group, whose name and address are given below.

"Functional Units"

Elcoma

Building EGG-2

f.a.o. Mr M. Raus ext.nr. 57799

*Vastrie
Wijnen 55812*

From now on, this will be your contact address for all affairs concerning maintenance of the TWIN-systems.

We hope that this change of contacts will occur in a smooth way.

kind regards,

p.o. N.V. Philips' Gloeilampenfabrieken,

Dr. M. Klewer
Product Marketing Manager
Elcoma - BAE-2
B.U. Integrated Circuits
tel: 040- 722041

Handelsregister Eindhoven no. 1910

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tel.centrale nat. (040) 79 11 11
tel.zentr. exch. int.+31 40 79 11 11

PCB'S

				NETT	GROSS	DIMENSIONS	
				KG	KG	CM	
TW	90012041	JE	4K RAM MEMORY PCB	9390 261 10000	0.3	0.5	32 X 25 X 5
TW	90012032	JE	32K DYNAMIC RAM	9390 281 60000	0.3	0.5	32 X 25 X 5
TW	90012048	JE	48K DYNAMIC RAM	9390 281 70000	0.3	0.5	32 X 25 X 5
TW	90012064	JE	64K DYNAMIC RAM	9390 281 80000	0.3	0.5	32 X 25 X 5
TW	90012080	JE	80K DYNAMIC RAM	9390 281 90000	0.3	0.5	32 X 25 X 5
TW	90012161	JE	4K RAM MEMORY + PROM	9390 266 50000	0.5	0.5	32 X 25 X 5
TW	90012071	JE	1702A PROM PROGRAMMER PCB	9390 261 20000	0.3	0.5	32 X 25 X 5
TW	90012081	JE	82S115 PROM PROGRAMMER PCB	9390 261 30000	0.3	0.5	32 X 25 X 5
TW	90012011	JE	G. P. I. O. PCB	9390 261 40000	0.3	0.5	32 X 25 X 5
TW	90012051	JE	MASTER CPU PCB + 2650	9390 266 30000	0.3	0.5	32 X 25 X 5
TW	90012061	JE	SLAVE CPU PCB + CT354	9390 266 40000	0.3	0.5	32 X 25 X 5
TW	90012062	JE-A	SLAVE 2650 A/B-1	9390 282 00000	0.3	0.5	32 X 25 X 5
TW	90012021	JE	DEBUG PCB	9390 266 60000	0.3	0.5	32 X 25 X 5
TW	90012152	JF	FLOPPY DISK CONTROLLER PCB	9390 266 20000	0.3	0.5	32 X 25 X 5
TW	90012092	JF-RT	REAL TIME ANALYZER	9390 282 20000	0.2	0.4	32 X 25 X 5
TW	90012091	JF	CARD EXTENDER	9390 261 50000	0.2	0.4	32 X 25 X 5
TW	90013011	JB	TWICE COMPLETE	9390 264 80000	1.3	1.5	32 X 25 X 10
TW	90013011	JB-A	TWICE 2650A/B-1	9390 282 10000	1.3	1.5	32 X 25 X 10
TW	90067011	JE	MOTHER BOARD	9390 266 10000	1.5	1.7	44 X 25 X 6
TW	11000161	JF	PROTOTYPING CARD	9390 266 70000	0.2	0.4	32 X 25 X 6

CABLES

TW	09014191	JB	CRT INTERFACE CABLE	9390 265 60000	0.2	0.4	10 X 10 X 7
TW	90014172	JB	LINE PRINTER INTERFACE CABLE	9390 265 80000	0.2	0.4	10 X 10 X 7
TW	90014201	JB	RS232 CABLE FOR GPIO CARD	9390 265 90000	0.2	0.4	10 X 10 X 7
TW	90014211	JB	TELETYPE INTERFACE CABLE	9390 266 0000	0.2	0.4	10 X 10 X 7
TW	90014021	JB	FLOPPY DISK CABLE	9390 267 60000	0.2	0.4	10 X 10 X 7
TW	90014011	JB	STANDARD I-O CABLE	9390 267 90000	0.2	0.4	10 X 10 X 7
	56706		26 CORE I-O CABLE	9390 272 30602	0.2	0.4	10 X 10 X 7
	56707		40 CORE I-O CABLE	9390 272 40602	0.2	0.4	10 X 10 X 7

UNIT'S

TW	90019021	JJ	MAINTENANCE FRONT PANEL	9390 260 20000	1.5	2.0	50 X 30 X 8
TW	02650000	JA	PDC SUPER	9390 264 40000	31.5	35.5	68 X 54 X 41
TW	02650002	JA	PDC BASIC	9390 264 50000	30.0	34.0	68 X 54 X 41
TW	01400001	JC	DUAL FLOPPY DISK 50HZ + CABLE	9390 265 00000	37.0	41.0	68 X 54 X 41
TW	09201050	JI	CRT 50HZ + CABLE	9390 260 90000	21.5	35.5	67 X 57 X 48
TW	09200050	JI	CRT TERMINAL WITHOUT CABLE	9390 265 50707	31.0	35.0	67 X 57 X 48
TW	09211050	JH	LINE PRINTER 50HZ + CABLE	9390 261 00000	42.0	46.0	70 X 68 X 48
TW	09210050	JH	LINE PRINTER WITHOUT CABLE	9390 265 70000	41.5	45.5	70 X 68 X 48
TW	80020021	JC	FLOPPY DISK DRIVE 50HZ	9390 267 50000	6.5	8.0	48 X 30 X 23

SPARES

TW	90019011	JJ	FRONT PANEL (STANDARD)	9390 264 60000	1.4	1.9	50 X 30 X 8
TW	90069021	JG	POWER SUPPLY ASSMBLY	9390 264 70000	26.0	31.0	50 X 30 X 28
TW	90014111	JJ	PDC POWER ON SWITCH	9390 264 90000	0.1	0.3	10 X 10 X 7
TW	90079031	JG	FLOPPY DISK POWER SUPPLY	9390 265 20000	18.0	24.0	50 X 30 X 25
TW	90079011	JJ	FLOPPY DISK REAR PANEL ASSEMBLY	9390 265 30000	5.0	6.5	50 X 30 X 7
TW	90014151	JJ	POWER ON SWITCH FOR FLOPPY DISK	9390 265 40000	0.1	0.2	10 X 10 X 7
TW	29100010	JJ	COOLING FAN	9390 267 30000	2.5	1.6	13 X 13 X 5
TW	01401001	JC	SINGLE FLOPPY DISK 50HZ	9390 267 40000	30.0	34.0	68 X 54 X 41
TW	90069011	JJ	PDC REAR PANEL ASSEMBLY	9390 267 80000	5.0	6.0	50 X 30 X 10

DISKETTES

TW 09001000	JJ	DISKETTE 10 PACK (FORMATTED)	9390 261 60000	0.5	0.5	23 X 23 X 5
TW 09001001	JJ	DISKETTE 10 PACK (UNFORMATTED)	9390 267 10000	0.5	0.5	23 X 23 X 5
TW 09002000	JJ	DISKETTE (UNFORMATTED)	9390 266 80000	0.1	0.1	23 X 23 X 00
TW 09002001	JJ	SDOS DISKETTE	9390 266 90000	0.1	0.1	23 X 23 X 00
TW 09002002	JJ	DIAGNOSTIC DISKETTE	9390 267 00000	0.1	0.1	23 X 23 X 00

MISCELLANEOUS

TW 01402001	JC	DUAL FLOPPY EXPANSION CHASSIS	9390 265 10000	10.0	14.0	68 X 54 X 44
TW 09009000	JJ	FIELD MAINTENANCE KIT	9390 264 30000	11.0	11.0	64 X 30 X 5
TW 09009001	JJ	MAINTENANCE KIT CASE	9390 267 20000	6.0	6.0	64 X 30 X 5
56705		DIAGNOSTIC PACKAGE	9390 269 90000	0.2	0.2	31 X 22 X 11
56708		RELOCATABLE CROSS ASSEMBLER	9350 272 50602	1.0	1.0	20 X 20 X 5
56709		CROSS LINKER	9360 272 60602	1.0	1.0	20 X 20 X 5
56710		PLUS COMPILER	9390 272 70602	1.0	1.0	20 X 20 X 5
56711		MICRO ASSEMBLER	9390 272 80602	1.0	1.0	20 X 20 X 5
56712		TWIN RELOCATABLE ASSEMBLER	9390 272 90602	0.1	0.1	31 X 22 X 11
56713		CROSS ASSEMBLER 16 BIT	9390 273 00602	1.0	1.0	20 X 20 X 5
56714		CROSS ASSEMBLER 32 BIT	9390 273 10602	1.0	1.0	20 X 20 X 5
56715		CROSS SIMULATOR 16 BIT	9390 273 20602	1.0	1.0	20 X 20 X 5
56716		CROSS SIMULATOR 32 BIT	9390 273 30602	1.0	1.0	20 X 20 X 5
56717		8X300 ASSEMBLER ON TWIN	9390 277 90602	0.1	0.1	31 X 22 X 11
56718		8048 ASSEMBLER ON TWIN	9390 278 10602	0.1	0.1	31 X 22 X 11
56719		PROM PROGRAMS	9390 281 10000	0.1	0.1	31 X 22 X 11
56720		SDOS 4.0	9390 285 60000	0.1	0.1	31 X 22 X 11
56721		UPGRADE PACKAGE	9390 285 70000	1.5	2.0	31 X 22 X 5
56723		TWIN BASIC	9390 289 90701	0.1	0.1	31 X 22 X 11
56724		TWIN-PMDS DC PROGRAMS	9390 290 00701	0.1	0.1	31 X 22 X 11