

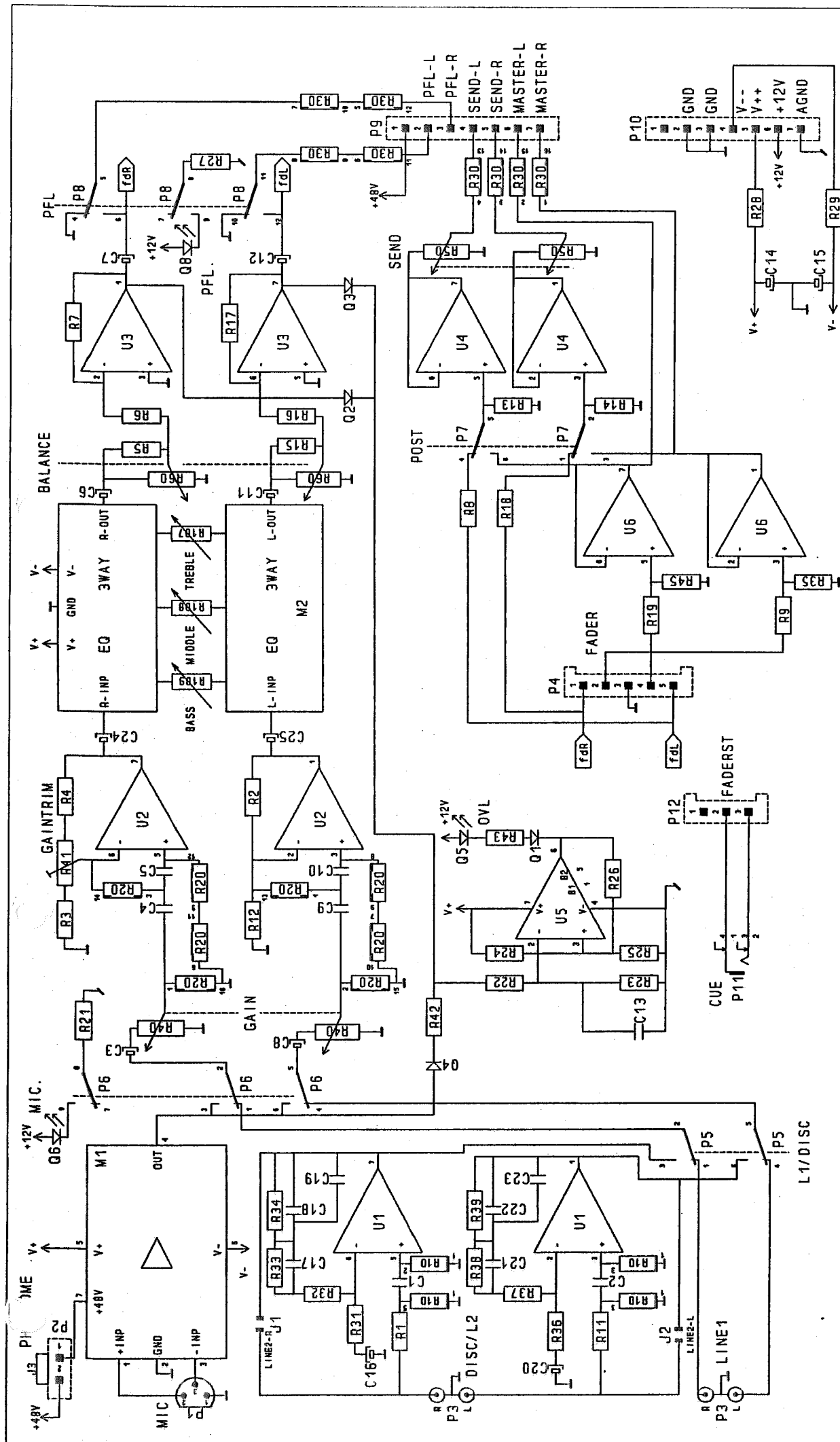
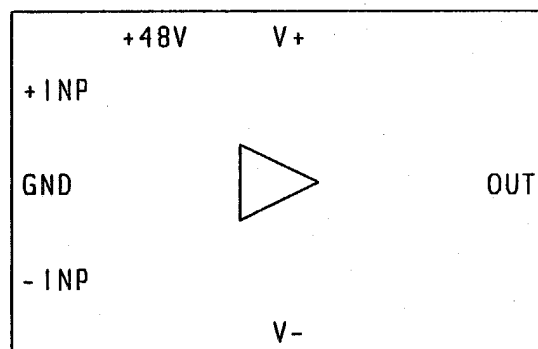
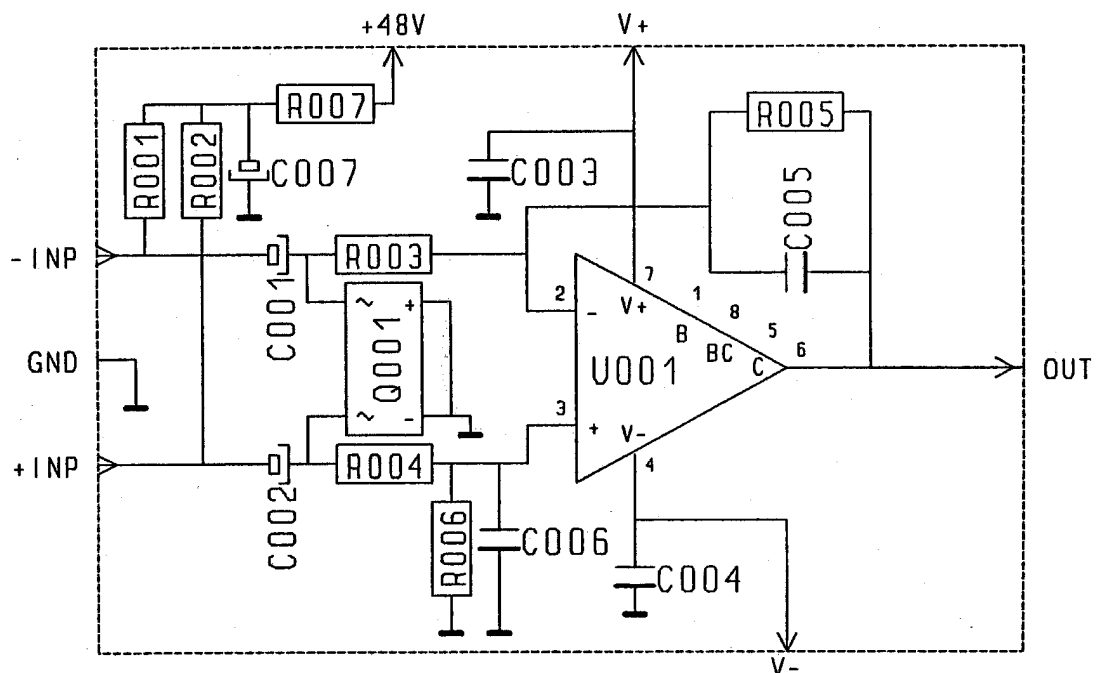


Diagram INPUT(MIC/DISC/LINE) PCB912851	GPM8-TI				Date 08-07-'91	
	B.000.228				Date	
	1/3				CHK by	
	DATEQ VOF. Almere (C)Rights reserved Holland				Date	



Module
INPUT-MIC
PCB912861

GPM8-T1

B.000.228

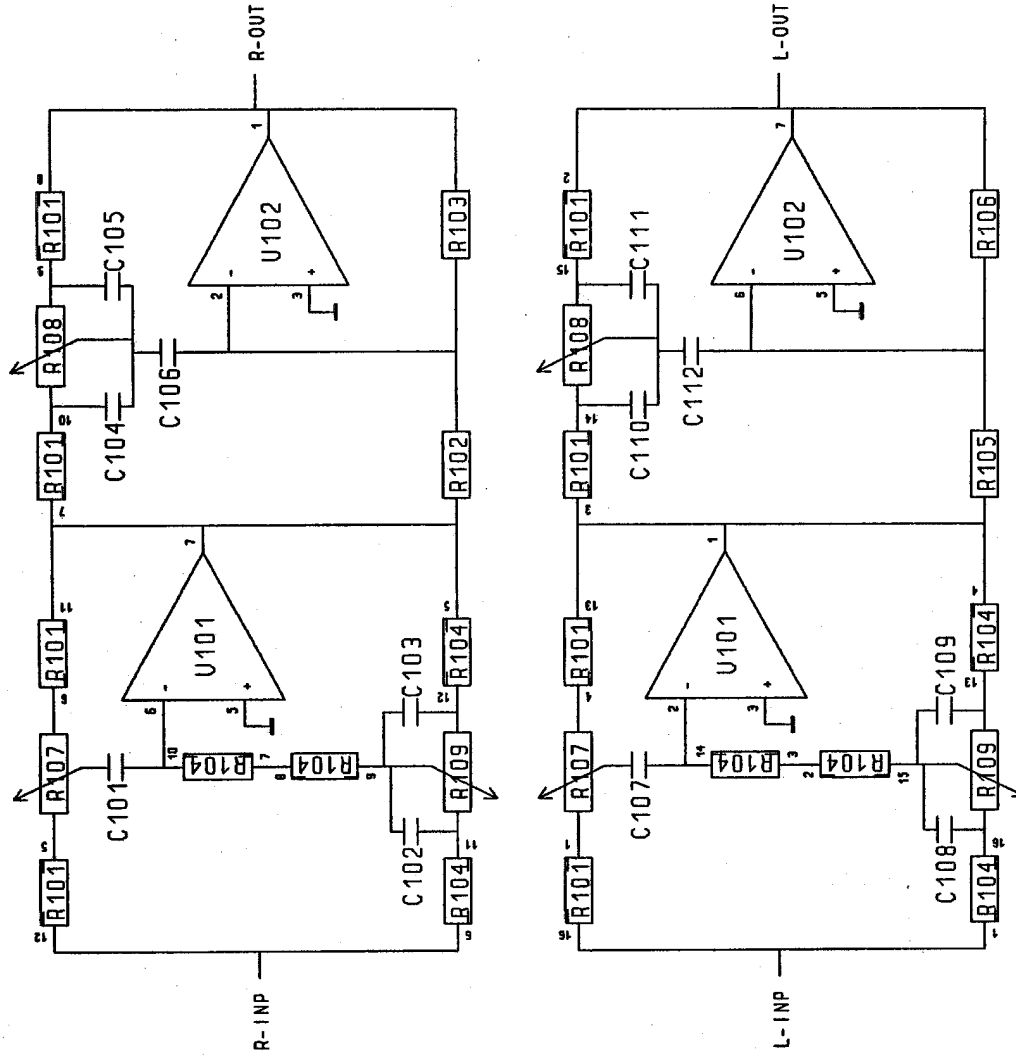
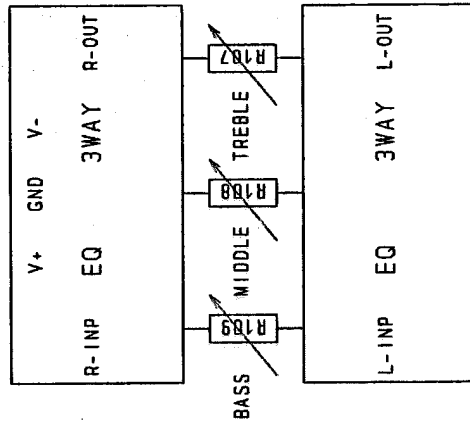
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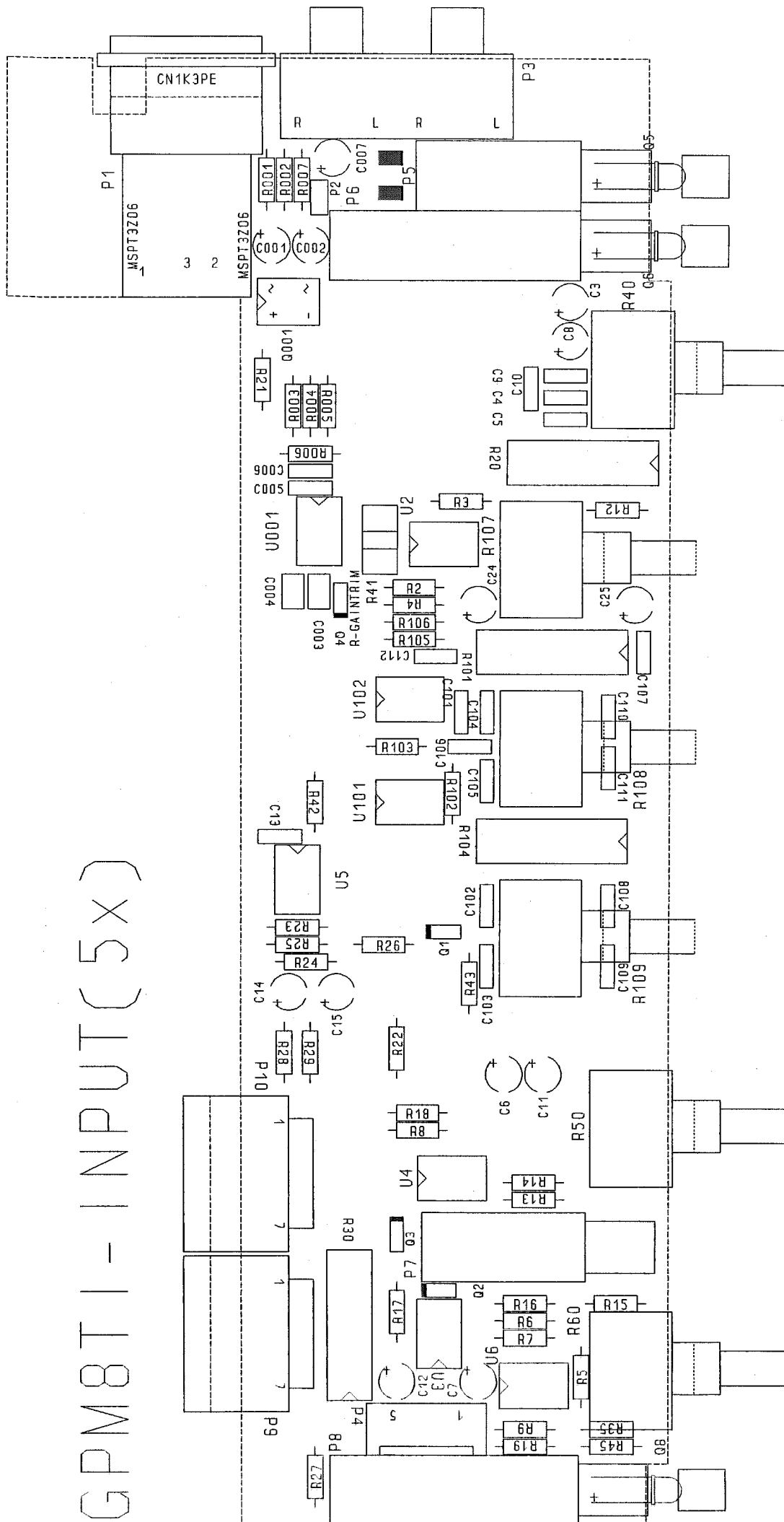
DRW by J.A.v.H.
CHK by -

Date 31-07-'91
Date -



Module EQUALISERC3-WAY-STEREO) PC8912861	GPM8-T I		01
	B. 000.228		02
	3/3		03
			04
DATEQ VOF. Almere			
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DRV by T.v.T.		Date 30-02-'90	
CHK by J.A.v.H.		Date 31-07-'91	

GPM8T1-INPUT(5X)



DATEQ B.V. ALMERE The Netherlands (C)Rights reserved	LAYOUT: GPM8T1-INPUT	PCB934831
DESIGN: JvH/TvT	DATE: 11-09-'91	CHECKED:
REV: 01	DATE:	REV:

DATEQ bv. De Paal 37 1351 JG Almere Holland Tel: 036-5472222
AUDIO TECHNOLOGIES Fax: 036-5317776

Design information : PCB934831 by JvH/TvT on 11-09-'91

Component-list

Product/Sub-assembly: GPM8TI-INPUT PCB 9-12-97/10:59

GRP: REFDES: DTQCODE: DESCRIPTION: PAG:1

1	C001	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C002	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C003	PC82104	Cap. 100n Multilayer	2E		
1	C004	PC82104	Cap. 100n Multilayer	2E		
1	C005	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C006	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C007	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C3	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C4	PC52683	Cap. 68n MKT1.68 63V ± 5%	2E		
1	C5	PC52683	Cap. 68n MKT1.68 63V ± 5%	2E		
1	C6	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C7	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C8	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C9	PC52683	Cap. 68n MKT1.68 63V ± 5%	2E		
1	C10	PC52683	Cap. 68n MKT1.68 63V ± 5%	2E		
1	C11	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C12	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C13	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C14	PER2479	Elco 47u RADIAL 16V	2E	5	mm
1	C15	PER2479	Elco 47u RADIAL 16V	2E	5	mm
1	C24	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C25	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C101	PC52102	Cap. 1n MKT1.68 100V ± 5%	2E		
1	C102	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C103	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C104	PC52332	Cap. 3.3n MKT1.68 100V ± 5%	2E		
1	C105	PC52332	Cap. 3.3n MKT1.68 100V ± 5%	2E		
1	C106	PC52472	Cap. 4.7n MKT1.68 100V ± 5%	2E		
1	C107	PC52102	Cap. 1n MKT1.68 100V ± 5%	2E		
1	C108	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C109	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C110	PC52332	Cap. 3.3n MKT1.68 100V ± 5%	2E		
1	C111	PC52332	Cap. 3.3n MKT1.68 100V ± 5%	2E		
1	C112	PC52472	Cap. 4.7n MKT1.68 100V ± 5%	2E		
2	J3	CI1LINK2	Conn. Shorting link (jumper) Red			
1	P1	CN1F3PFE	Conn. XLR NEUTRIK 3p NC3FE female E-se			
1	P3	CC2740G	Conn.CINCH[4] T740 P/N SCJ-1020G-4P			
1	P4	CL105	Conn.STOCKO MKS3735 5p lock male			
1	P5	CS2ALP2P	Switch ALPS SPUN192NW-LATCH		2.5mm	
1	P6	CS2ALP4P	Switch ALPS SPUN194NW-LATCH		2.5mm	
1	P7	CS2ALP2P	Switch ALPS SPUN192NW-LATCH		2.5mm	
1	P8	CS2ALP4P	Switch ALPS SPUN194NW-LATCH		2.5mm	
1	P9	CL307	Conn.STOCKO MKS2657 7p RA male			
1	P10	CL307	Conn.STOCKO MKS2657 7p RA male			
1	Q001	AEDF104	PBDF104 BrRect GP 1A DIL4			
1	Q1	AD4148	1N4148 Diode GP 3E			
1	Q2	AD4148	1N4148 Diode GP 3E			
1	Q3	AD4148	1N4148 Diode GP 3E			
1	Q4	AD4148	1N4148 Diode GP 3E			
1	Q5	AL934EC	L934EC LED 3mm RED Hi-Intensity			
1	Q6	AL934YC	L934YC LED 3mm YEL Hi-Intensity			
1	Q8	AL934YC	L934YC LED 3mm YEL Hi-Intensity			

Component-list

Product/Sub-assembly: GPM8TI-INPUT

PCB 9-12-97/10:59

P: REFDES: DTQCODE: DESCRIPTION:

PAG:2

1	R001	PW20682	Resist. 6.8k	metalfilm 5%	4E
1	R002	PW20682	Resist. 6.8k	metalfilm 5%	4E
1	R003	PW20152	Resist. 1.5k	metalfilm 5%	4E
1	R004	PW20152	Resist. 1.5k	metalfilm 5%	4E
1	R005	PW20683	Resist. 68k	metalfilm 5%	4E
1	R006	PW20683	Resist. 68k	metalfilm 5%	4E
1	R007	PW20101	Resist. 100	metalfilm 5%	4E
1	R2	PW20103	Resist. 10k	metalfilm 5%	4E
1	R3	PW20182	Resist. 1.8k	metalfilm 5%	4E
1	R4	PW20103	Resist. 10k	metalfilm 5%	4E
1	R5	PW20332	Resist. 3.3k	metalfilm 5%	4E
1	R6	PW20473	Resist. 47k	metalfilm 5%	4E
1	R7	PW20683	Resist. 68k	metalfilm 5%	4E
1	R8	PW20104	Resist. 100k	metalfilm 5%	4E
1	R9	PW20102	Resist. 1k	metalfilm 5%	4E
1	R12	PW20222	Resist. 2.2k	metalfilm 5%	4E
1	R13	PW20104	Resist. 100k	metalfilm 5%	4E
1	R14	PW20104	Resist. 100k	metalfilm 5%	4E
1	R15	PW20332	Resist. 3.3k	metalfilm 5%	4E
1	R16	PW20473	Resist. 47k	metalfilm 5%	4E
1	R17	PW20683	Resist. 68k	metalfilm 5%	4E
1	R18	PW20104	Resist. 100k	metalfilm 5%	4E
1	R19	PW20102	Resist. 1k	metalfilm 5%	4E
1	R20	PDS9104	Resist. 100k	array 8x	DIL16
1	R21	PW20122	Resist. 1.2k	metalfilm 5%	4E
1	R22	PW20222	Resist. 2.2k	metalfilm 5%	4E
1	R23	PW20105	Resist. 1M	metalfilm 5%	4E
1	R24	PW20123	Resist. 12k	metalfilm 5%	4E
1	R25	PW20223	Resist. 22k	metalfilm 5%	4E
1	R26	PW20104	Resist. 100k	metalfilm 5%	4E
1	R27	PW20122	Resist. 1.2k	metalfilm 5%	4E
\$	R28	PW20339	Resist. 33	metalfilm 5%	4E
\$	R29	PW20339	Resist. 33	metalfilm 5%	4E
1	R30	PDS9223	Resist. 22k	array 8x	DIL16
1	R35	PW20105	Resist. 1M	metalfilm 5%	4E
1	R40	PP54203	Potm. 20klog	STEREO ALPS RK16312A-41D	
1	R41	PT70102	Trim. 1k	PT10H 1t carbon Str PIHER	
1	R42	PW20222	Resist. 2.2k	metalfilm 5%	4E
1	R43	PW20102	Resist. 1k	metalfilm 5%	4E
1	R45	PW20105	Resist. 1M	metalfilm 5%	4E
1	R50	PP54203	Potm. 20klog	STEREO ALPS RK16312A-41D	
1	R60	PP53103	Potm. 10klin	STEREO ALPS RK163121-CD	
4	R70	PF44103	Fader 10klog	stereo 100mm JUNGPOON	
1	R101	PDS9103	Resist. 10k	array 8x	DIL16
1	R102	PW20104	Resist. 100k	metalfilm 5%	4E
1	R103	PW20104	Resist. 100k	metalfilm 5%	4E
1	R104	PDS9103	Resist. 10k	array 8x	DIL16
1	R105	PW20104	Resist. 100k	metalfilm 5%	4E
1	R106	PW20104	Resist. 100k	metalfilm 5%	4E
1	R107	PP53104	Potm.100klin	STEREO ALPS RK163121-CD	
1	R108	PP53104	Potm.100klin	STEREO ALPS RK163121-CD	
1	R109	PP53104	Potm.100klin	STEREO ALPS RK163121-CD	
2	U001	AA1534A	NE5534AN	OA LOW-NOISE(MIC)	DIL8
2	U2	AA2072	TL072CN	OA2 JFET	DIL8 SGS
2	U3	AA2072	TL072CN	OA2 JFET	DIL8 SGS
2	U4	AA2072	TL072CN	OA2 JFET	DIL8 SGS
2	U5	AA1741	LM741	OA Gen. Purp.	DIL8

Component-list

Product/Sub-assembly: GPM8TI-INPUT

PCB 9-12-97/10:59

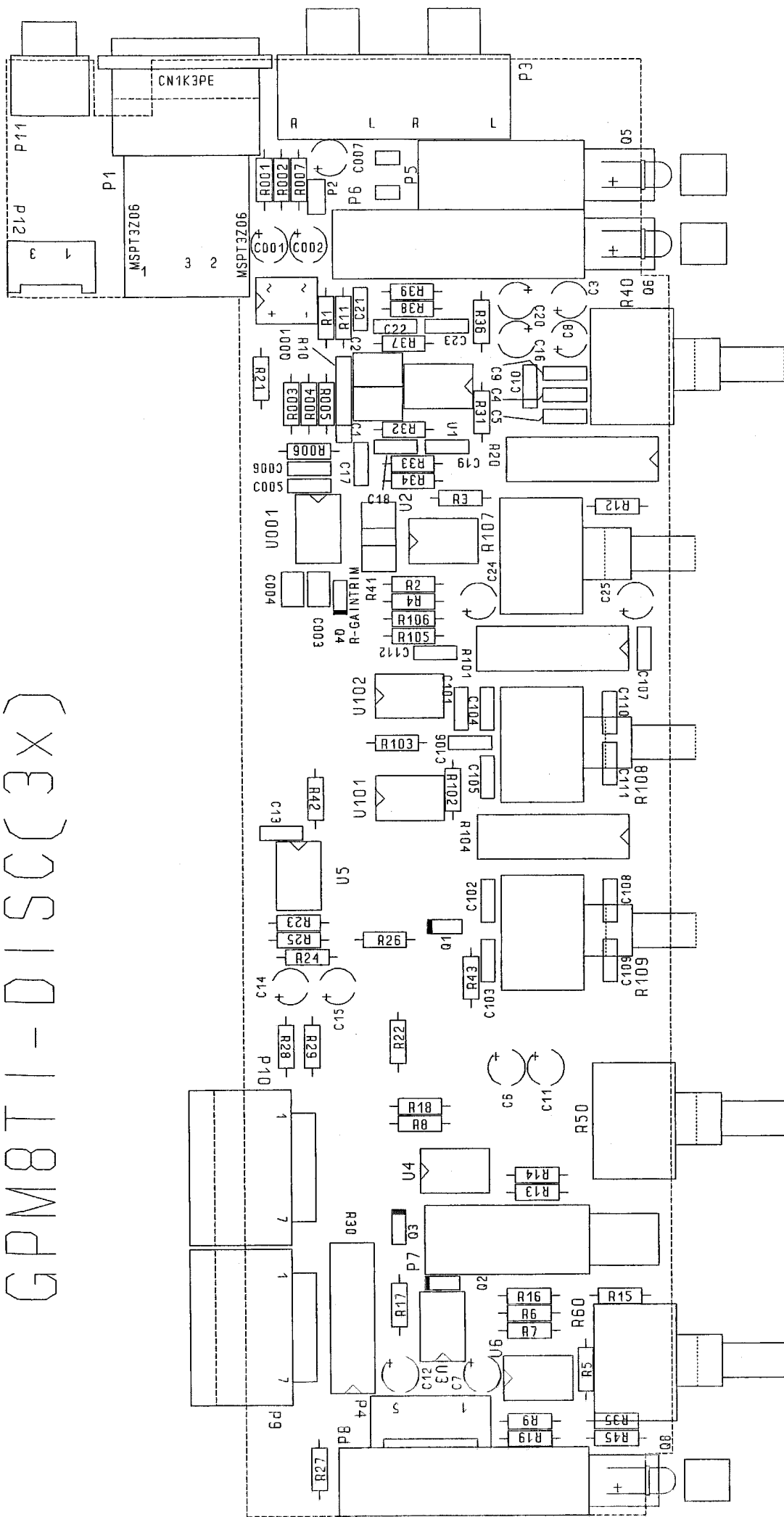
P: REFDES: DTQCODE: DESCRIPTION:

PAG:3

2	U6	AA2072	TL072CN OA2 JFET	DIL8	SGS
2	U101	AA2072	TL072CN OA2 JFET	DIL8	SGS
2	U102	AA2072	TL072CN OA2 JFET	DIL8	SGS
3	W4	CL405	Conn.STOCKO MKF17365	5p bandk.	female
1	PCB	I934831	GPM8-TI-DISC		PCB

\$= VERHOOGD MONTEREN i.v.m. warmte-afgifte

GPM8T1-DISC(3x)



DATEQ B.V. ALMERE		LAYOUT:		PCB934831	
The Netherlands		GPM8T1-DISC			
DESIGN:	DATE:	CHECKED:	DATE:	REV:	
JvH	16-09-91		11-09-91	01	
(C) Rights reserved					

DATEQ bv. De Paal 37 1351 JG Almere Holland Tel: 036-5472222

AUDIO TECHNOLOGIES

Fax: 036-5317776

Design information : PCB934831 by JvH/TvT on 11-09-'91

Component-list

Product/Sub-assembly: GPM8TI-DISC

PCB 9-12-97/10:53

GRP: REFDES: DTQCODE: DESCRIPTION:

PAG:1

2	-	CS6SS5GL	Switch Micro 1-pole SS-5GL111D OMRON			
1	PCB	I934831	GPM8-TI-DISC			PCB
1	C001	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C002	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C003	PC82104	Cap. 100n Multilayer	2E		
1	C004	PC82104	Cap. 100n Multilayer	2E		
1	C005	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C006	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C007	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C1	PC52334	Cap. 330n MKT1.68 50V ±10%	2E		
1	C2	PC52334	Cap. 330n MKT1.68 50V ±10%	2E		
1	C3	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C4	PC52683	Cap. 68n MKT1.68 63V ± 5%	2E		
1	C5	PC52683	Cap. 68n MKT1.68 63V ± 5%	2E		
1	C6	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C7	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C8	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C9	PC52683	Cap. 68n MKT1.68 63V ± 5%	2E		
1	C10	PC52683	Cap. 68n MKT1.68 63V ± 5%	2E		
1	C11	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C12	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C13	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C14	PER2479	Elco 47u RADIAL 16V	2E	5	mm
1	C15	PER2479	Elco 47u RADIAL 16V	2E	5	mm
1	C16	PER2479	Elco 47u RADIAL 16V	2E	5	mm
1	C17	PC52123	Cap. 12n MKT1.68 100V ± 5%	2E		
1	C18	PC52182	Cap. 1.8n MKT1.68 100V ± 5%	2E		
1	C19	PC52182	Cap. 1.8n MKT1.68 100V ± 5%	2E		
1	C20	PER2479	Elco 47u RADIAL 16V	2E	5	mm
1	C21	PC52123	Cap. 12n MKT1.68 100V ± 5%	2E		
1	C22	PC52182	Cap. 1.8n MKT1.68 100V ± 5%	2E		
1	C23	PC52182	Cap. 1.8n MKT1.68 100V ± 5%	2E		
1	C24	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C25	PER6478	Elco 4.7u RADIAL 63V	2E	5	mm
1	C101	PC52102	Cap. 1n MKT1.68 100V ± 5%	2E		
1	C102	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C103	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C104	PC52332	Cap. 3.3n MKT1.68 100V ± 5%	2E		
1	C105	PC52332	Cap. 3.3n MKT1.68 100V ± 5%	2E		
1	C106	PC52472	Cap. 4.7n MKT1.68 100V ± 5%	2E		
1	C107	PC52102	Cap. 1n MKT1.68 100V ± 5%	2E		
1	C108	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C109	PC52473	Cap. 47n MKT1.68 63V ± 5%	2E		
1	C110	PC52332	Cap. 3.3n MKT1.68 100V ± 5%	2E		
1	C111	PC52332	Cap. 3.3n MKT1.68 100V ± 5%	2E		
1	C112	PC52472	Cap. 4.7n MKT1.68 100V ± 5%	2E		
2	J3	CI1LINK2	Conn. Shorting link (jumper) Red			
1	P1	CN1F3PFE	Conn. XLR NEUTRIK 3p NC3FE female E-se			
1	P2	CI102	Conn.1-Row Header 2p Str-pins male			
1	P3	CC2740G	Conn.CINCH[4] T740 P/N SCJ-1020G-4P			
1	P4	CL105	Conn.STOCKO MKS3735 5p lock male			
1	P5	CS2ALP2P	Switch ALPS SPUN192NW-LATCH 2.5mm			

Component-list

Product/Sub-assembly: GPM8TI-DISC

PCB 9-12-97/10:53

P: REFDES: DTQCODE: DESCRIPTION:

PAG:2

1	P6	CS2ALP4P	Switch ALPS SPUN194NW-LATCH	2.5mm
1	P7	CS2ALP2P	Switch ALPS SPUN192NW-LATCH	2.5mm
1	P8	CS2ALP4P	Switch ALPS SPUN194NW-LATCH	2.5mm
1	P9	CL307	Conn.STOCKO MKS2657 7p RA	male
1	P10	CL307	Conn.STOCKO MKS2657 7p RA	male
1	P11	CJ16PC	Conn. JACK 3.5mm 2p female CLIFF	S6PC
1	P12	CL103	Conn.STOCKO MKS3733 3p lock	male
1	Q001	AEDF104	PBDF104 BrRect GP 1A	DIL4
1	Q1	AD4148	1N4148 Diode GP	3E
1	Q2	AD4148	1N4148 Diode GP	3E
1	Q3	AD4148	1N4148 Diode GP	3E
1	Q4	AD4148	1N4148 Diode GP	3E
1	Q5	AL934EC	L934EC LED 3mm RED Hi-Intensity	
1	Q6	AL934YC	L934YC LED 3mm YEL Hi-Intensity	
1	Q8	AL934YC	L934YC LED 3mm YEL Hi-Intensity	
1	R001	PW20682	Resist. 6.8k metalfilm 5%	4E
1	R002	PW20682	Resist. 6.8k metalfilm 5%	4E
1	R003	PW20152	Resist. 1.5k metalfilm 5%	4E
1	R004	PW20152	Resist. 1.5k metalfilm 5%	4E
1	R005	PW20683	Resist. 68k metalfilm 5%	4E
1	R006	PW20683	Resist. 68k metalfilm 5%	4E
1	R007	PW20101	Resist. 100 metalfilm 5%	4E
1	R1	PW20102	Resist. 1k metalfilm 5%	4E
1	R2	PW20103	Resist. 10k metalfilm 5%	4E
1	R3	PW20182	Resist. 1.8k metalfilm 5%	4E
1	R4	PW20103	Resist. 10k metalfilm 5%	4E
1	R5	PW20332	Resist. 3.3k metalfilm 5%	4E
1	R6	PW20473	Resist. 47k metalfilm 5%	4E
1	R7	PW20683	Resist. 68k metalfilm 5%	4E
1	R8	PW20104	Resist. 100k metalfilm 5%	4E
1	R9	PW20102	Resist. 1k metalfilm 5%	4E
1	R10	PSC0104	Resist. 100k array 4x	SIL5
1	R11	PW20102	Resist. 1k metalfilm 5%	4E
1	R12	PW20222	Resist. 2.2k metalfilm 5%	4E
1	R13	PW20104	Resist. 100k metalfilm 5%	4E
1	R14	PW20104	Resist. 100k metalfilm 5%	4E
1	R15	PW20332	Resist. 3.3k metalfilm 5%	4E
1	R16	PW20473	Resist. 47k metalfilm 5%	4E
1	R17	PW20683	Resist. 68k metalfilm 5%	4E
1	R18	PW20104	Resist. 100k metalfilm 5%	4E
1	R19	PW20102	Resist. 1k metalfilm 5%	4E
1	R20	PDS9104	Resist. 100k array 8x	DIL16
1	R21	PW20122	Resist. 1.2k metalfilm 5%	4E
1	R22	PW20222	Resist. 2.2k metalfilm 5%	4E
1	R23	PW20105	Resist. 1M metalfilm 5%	4E
1	R24	PW20123	Resist. 12k metalfilm 5%	4E
1	R25	PW20223	Resist. 22k metalfilm 5%	4E
1	R26	PW20104	Resist. 100k metalfilm 5%	4E
1	R27	PW20122	Resist. 1.2k metalfilm 5%	4E
\$	R28	PW20339	Resist. 33 metalfilm 5%	4E
\$	R29	PW20339	Resist. 33 metalfilm 5%	4E
1	R30	PDS9223	Resist. 22k array 8x	DIL16
1	R31	PW20471	Resist. 470 metalfilm 5%	4E
1	R32	PW20102	Resist. 1k metalfilm 5%	4E
1	R33	PW20334	Resist. 330k metalfilm 5%	4E
1	R34	PW20223	Resist. 22k metalfilm 5%	4E
1	R35	PW20105	Resist. 1M metalfilm 5%	4E

Component-list

Product/Sub-assembly: GPM8TI-DISC

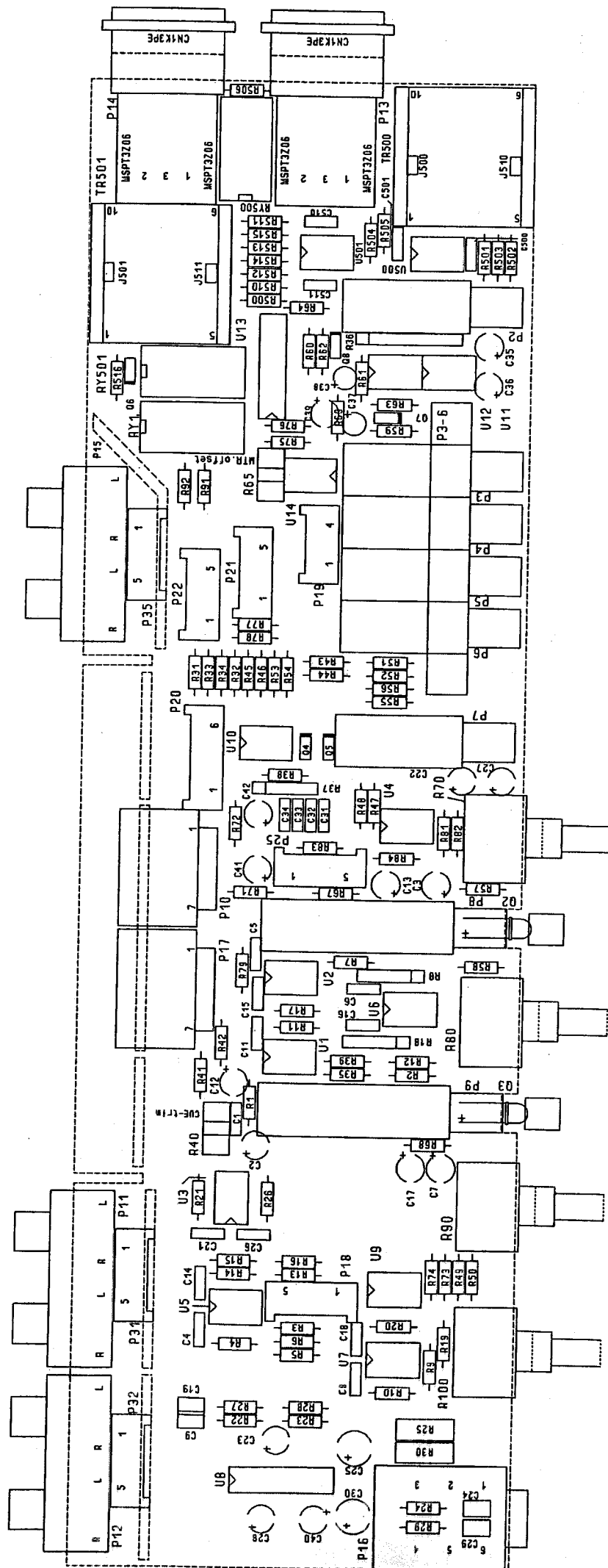
PCB 9-12-97/10:53

P: REFDES: DTQCODE: DESCRIPTION:

PAG:3

1	R36	PW20471	Resist. 470	metalfilm 5%	4E
1	R37	PW20102	Resist. 1k	metalfilm 5%	4E
1	R38	PW20334	Resist. 330k	metalfilm 5%	4E
1	R39	PW20223	Resist. 22k	metalfilm 5%	4E
1	R40	PP54203	Potm. 20klog	STEREO ALPS RK16312A-41D	
1	R41	PT70102	Trim. 1k	PT10H 1t carbon Str	PIHER
1	R42	PW20222	Resist. 2.2k	metalfilm 5%	4E
1	R43	PW20102	Resist. 1k	metalfilm 5%	4E
1	R45	PW20105	Resist. 1M	metalfilm 5%	4E
1	R50	PP54203	Potm. 20klog	STEREO ALPS RK16312A-41D	
1	R60	PP53103	Potm. 10klin	STEREO ALPS RK163121-CD	
4	R70	PF44103	Fader 10klog	stereo 100mm	JUNGPOON
1	R101	PDS9103	Resist. 10k	array 8x	DIL16
1	R102	PW20104	Resist. 100k	metalfilm 5%	4E
1	R103	PW20104	Resist. 100k	metalfilm 5%	4E
1	R104	PDS9103	Resist. 10k	array 8x	DIL16
1	R105	PW20104	Resist. 100k	metalfilm 5%	4E
1	R106	PW20104	Resist. 100k	metalfilm 5%	4E
1	R107	PP53104	Potm.100klin	STEREO ALPS RK163121-CD	
1	R108	PP53104	Potm.100klin	STEREO ALPS RK163121-CD	
1	R109	PP53104	Potm.100klin	STEREO ALPS RK163121-CD	
2	U001	AA1534A	NE5534AN	OA LOW-NOISE (MIC)	DIL8
2	U1	AA2072	TL072CN	OA2 JFET	DIL8 SGS
2	U2	AA2072	TL072CN	OA2 JFET	DIL8 SGS
2	U3	AA2072	TL072CN	OA2 JFET	DIL8 SGS
2	U4	AA2072	TL072CN	OA2 JFET	DIL8 SGS
2	U5	AA1741	LM741	OA Gen. Purp.	DIL8
2	U6	AA2072	TL072CN	OA2 JFET	DIL8 SGS
2	U101	AA2072	TL072CN	OA2 JFET	DIL8 SGS
2	U102	AA2072	TL072CN	OA2 JFET	DIL8 SGS
3	W3	CL403	Conn.STOCKO MKF17363	3p bandk. female	
3	W4	CL405	Conn.STOCKO MKF17365	5p bandk. female	

\$= VERHOOGD MONTEREN i.v.m. warmte-afgifte



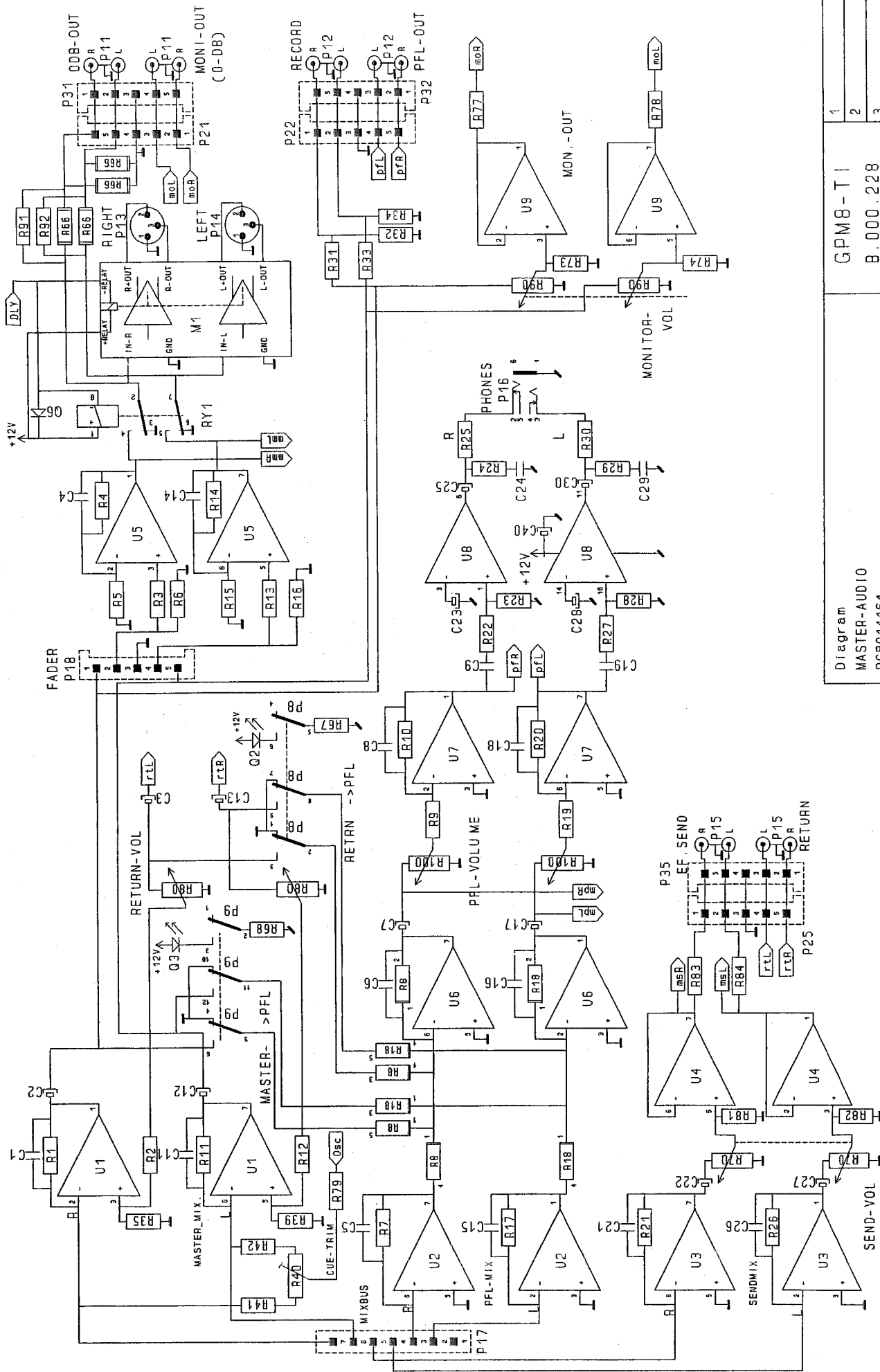


Diagram
MASTER-AUDIO
PCB914164

GPM8-T1
B.000.228
1/3

DATEQ bv. Almere
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DRW by J.A.v.H. Date 16-07-'91
CHK by - Date -

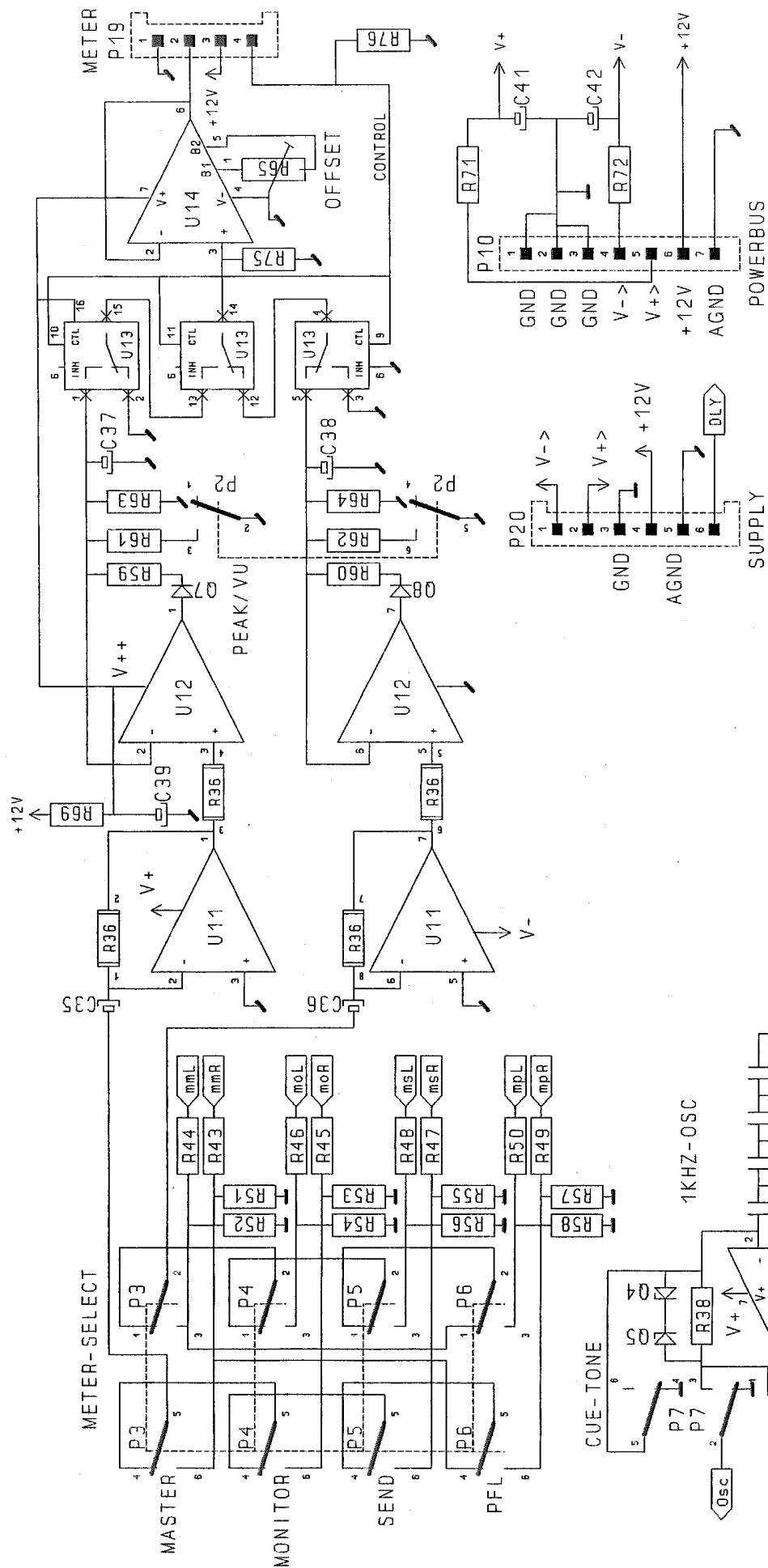
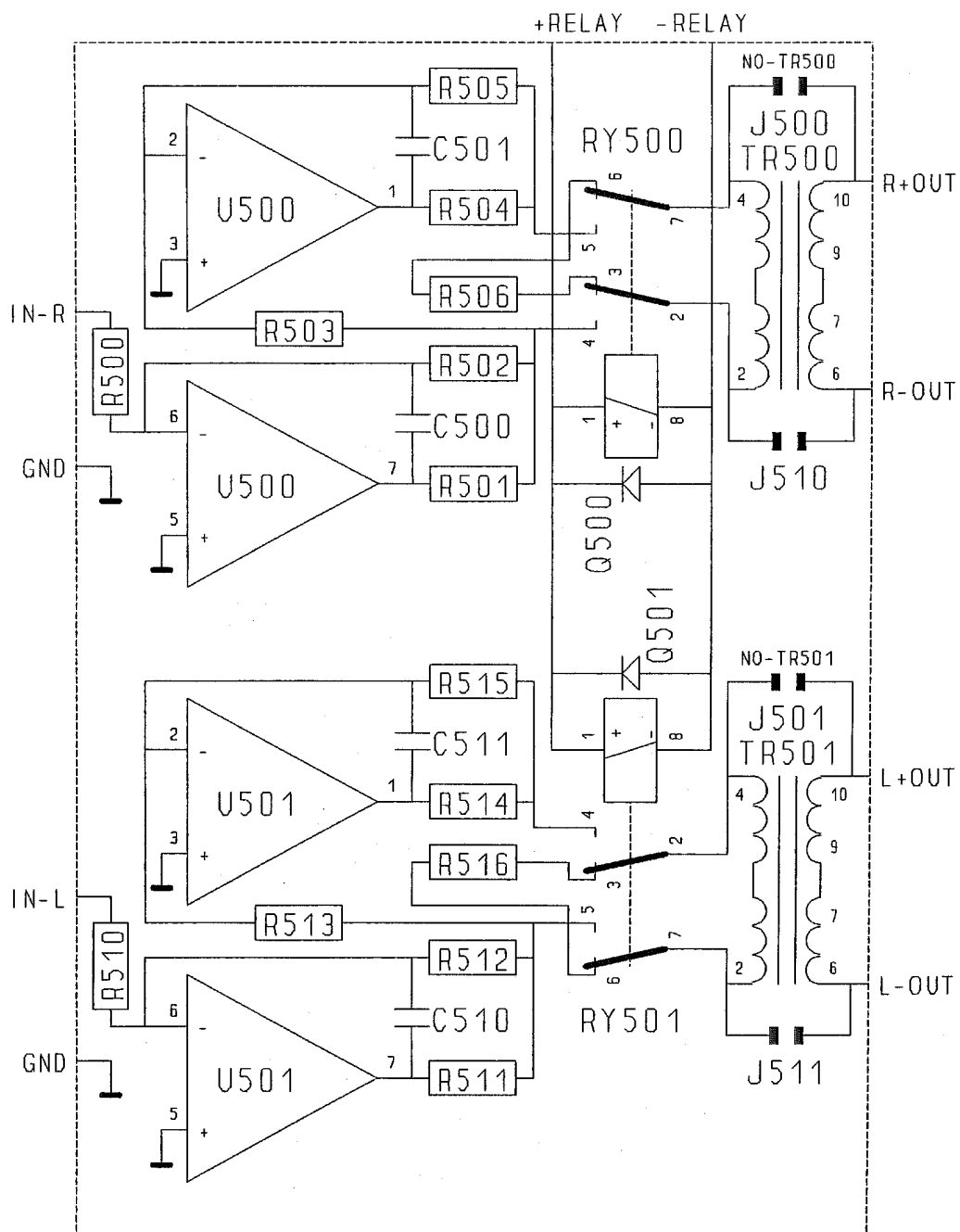
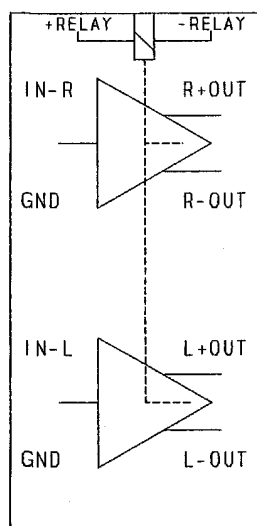


Diagram MASTER-METERSELECT/SUPPLY PCB914164	GPM8-T1		1: BCL/21-05-'96
	B.000.228		2
	2/3		3
			4
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DATEQ bv. Almere
Holland



Module
MASTER-SYMM-OUTPUTS
PCB912862

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GPM8-TI
B.000.228
3/3

DRW by J.A.v.H.
CHK by -

01 TvT/2-10-91
02
03
04

Date 16-07-'91
Date -

DATEQ bv. De Paal 37 1351 JG Almere Holland Tel: 036-5472222
 AUDIO TECHNOLOGIES Fax: 036-5317776
 Design information : PCB925030 by TvT on 08-12-'92

Component-list

Product/Sub-assembly: GPM8-TI-MASTER PCB27-09-99/11:46

GRP: REFDES: DTQCODE: DESCRIPTION: PAG:1

1	C1	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C2	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
1	C3	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
1	C5	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C6	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C7	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
1	C8	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C9	PC82104	Cap. 100n Multilayer	2E		
1	C11	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C12	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
1	C13	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
1	C15	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C16	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C17	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
1	C18	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C19	PC82104	Cap. 100n Multilayer	2E		
1	C21	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C22	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
1	C23	PER3101	Elco 100u RADIAL 25V	2E	6	mm
1	C24	PC82104	Cap. 100n Multilayer	2E		
1	C25	PER1471	Elco 470u RADIAL 10V	2E	8.5mm	
1	C26	PC13339	Cap. 33p CERAMIC 100V ± 2%	2E		
1	C27	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
1	C28	PER3101	Elco 100u RADIAL 25V	2E	6	mm
1	C29	PC82104	Cap. 100n Multilayer	2E		
1	C30	PER1471	Elco 470u RADIAL 10V	2E	8.5mm	
1	C31	PC52183	Cap. 18n MKT1.68 100V ± 5%	2E		
1	C32	PC52183	Cap. 18n MKT1.68 100V ± 5%	2E		
1	C33	PC52183	Cap. 18n MKT1.68 100V ± 5%	2E		
1	C34	PC52183	Cap. 18n MKT1.68 100V ± 5%	2E		
1	C35	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
1	C36	PER6478	Elco 4.7u RADIAL 50V	2E	5	mm
!	C37	PET4108	Elco 1u TANTAAL 35V	1E	5	mm
!	C38	PET4108	Elco 1u TANTAAL 35V	1E	5	mm
1	C39	PER3101	Elco 100u RADIAL 25V	2E	6	mm
1	C40	PER3101	Elco 100u RADIAL 25V	2E	6	mm
1	C41	PER7109	Elco 10u RADIAL 63V	2E	6	mm
1	C42	PER7109	Elco 10u RADIAL 63V	2E	6	mm
1	C500	PC13121	Cap. 120p CERAMIC 100V ± 2%	2E		
1	C501	PC13121	Cap. 120p CERAMIC 100V ± 2%	2E		
1	C510	PC13121	Cap. 120p CERAMIC 100V ± 2%	2E		
1	C511	PC13121	Cap. 120p CERAMIC 100V ± 2%	2E		
3	M18	CL405	Conn.STOCKO MKF17365 5p bandk.			female
3	M19	CL404	Conn.STOCKO MKF17364 4p bandk.			female
3	M20	CL406	Conn.STOCKO MKF17366 6p bandk.			female
3	M21	CL405	Conn.STOCKO MKF17365 5p bandk.			female
3	M22	CL405	Conn.STOCKO MKF17365 5p bandk.			female
3	M25	CL405	Conn.STOCKO MKF17365 5p bandk.			female
3	M31	CL405	Conn.STOCKO MKF17365 5p bandk.			female
3	M32	CL405	Conn.STOCKO MKF17365 5p bandk.			female
3	M35	CL405	Conn.STOCKO MKF17365 5p bandk.			female
1	P2	CS2ALP2P	Switch ALPS SPUN192NW-LATCH			2.5mm

Component-list

Product/Sub-assembly: GPM8-TI-MASTER

PCB27-09-99/11:46

GRP: REFDES: DTQCODE: DESCRIPTION:

PAG:2

1	P3	CS2SHD2P	Switch Push 2p SHADOW Non-latch 2.5mm
*	P3-6	CSSDWFF4	Frame Shadow schakelbalk 4 pos.10mm
1	P4	CS2SHD2P	Switch Push 2p SHADOW Non-latch 2.5mm
1	P5	CS2SHD2P	Switch Push 2p SHADOW Non-latch 2.5mm
1	P6	CS2SHD2P	Switch Push 2p SHADOW Non-latch 2.5mm
1	P7	CS2ALP2P	Switch ALPS SPUN192NW-LATCH 2.5mm
1	P8	CS2ALP4P	Switch ALPS SPUN194NW-LATCH 2.5mm
1	P9	CS2ALP4P	Switch ALPS SPUN194NW-LATCH 2.5mm
1	P10	CL307	Conn.STOCKO MKS2657 7p RA male
1	P11	CC2740G	Conn.CINCH[4] T740 P/N SCJ-1020G-4P
1	P12	CC2740G	Conn.CINCH[4] T740 P/N SCJ-1020G-4P
1	P13	CN1M3PME	Conn. XLR NEUTRIK 3p NC3ME male E-se
1	P14	CN1M3PME	Conn. XLR NEUTRIK 3p NC3ME male E-se
1	P15	CC2740G	Conn.CINCH[4] T740 P/N SCJ-1020G-4P
1	P16	CJ14PCC	Conn. JACK 6.3 Socket CLIFF S4PCC
1	P17	CL307	Conn.STOCKO MKS2657 7p RA male
1	P18	CL105	Conn.STOCKO MKS3735 5p lock male
1	P19	CL104	Conn.STOCKO MKS3734 4p lock male
1	P20	CL106	Conn.STOCKO MKS3736 6p lock male
1	P21	CL105	Conn.STOCKO MKS3735 5p lock male
1	P22	CL105	Conn.STOCKO MKS3735 5p lock male
1	P25	CL105	Conn.STOCKO MKS3735 5p lock male
1	P31	CL105	Conn.STOCKO MKS3735 5p lock male
1	P32	CL105	Conn.STOCKO MKS3735 5p lock male
1	P35	CL105	Conn.STOCKO MKS3735 5p lock male
1	Q2	AL934YC	L934YC LED 3mm YEL Hi-Intensity
1	Q3	AL934YC	L934YC LED 3mm YEL Hi-Intensity
1	Q4	AZ1568	BZX79 5.6V ZENER 0.5W 3E
1	Q5	AZ1568	BZX79 5.6V ZENER 0.5W 3E
1	Q6	AD4148	1N4148 Diode GP 3E
1	Q7	AD4148	1N4148 Diode GP 3E
1	Q8	AD4148	1N4148 Diode GP 3E
1	R1	PW20443	Resist. 44k metalfilm 5% 4E E24
1	R2	PW20473	Resist. 47k metalfilm 5% 4E
1	R3	PW20152	Resist. 1.5k metalfilm 5% 4E
1	R4	PW20223	Resist. 22k metalfilm 5% 4E
1	R6	PW20105	Resist. 1M metalfilm 5% 4E
1	R7	PW20443	Resist. 44k metalfilm 5% 4E E24
1	R8	PSC0223	Resist. 22k array 4x SIL5
1	R9	PW20223	Resist. 22k metalfilm 5% 4E
1	R10	PW20223	Resist. 22k metalfilm 5% 4E
1	R11	PW20443	Resist. 44k metalfilm 5% 4E E24
1	R12	PW20473	Resist. 47k metalfilm 5% 4E
1	R13	PW20152	Resist. 1.5k metalfilm 5% 4E
1	R14	PW20223	Resist. 22k metalfilm 5% 4E
1	R16	PW20105	Resist. 1M metalfilm 5% 4E
1	R17	PW20443	Resist. 44k metalfilm 5% 4E E24
1	R18	PSC0223	Resist. 22k array 4x SIL5
1	R19	PW20223	Resist. 22k metalfilm 5% 4E
1	R20	PW20223	Resist. 22k metalfilm 5% 4E
1	R21	PW20683	Resist. 68k metalfilm 5% 4E
1	R22	PW20104	Resist. 100k metalfilm 5% 4E
1	R23	PW20103	Resist. 10k metalfilm 5% 4E
1	R24	PW20478	Resist. 4.7 metalfilm 5% 4E
1	R25	PW40109	Resist. 10 metal film 4E 1W
1	R26	PW20683	Resist. 68k metalfilm 5% 4E

Component-list

Product/Sub-assembly: GPM8-TI-MASTER

PCB27-09-99/11:46

GRP: REFDES: DTQCODE: DESCRIPTION:

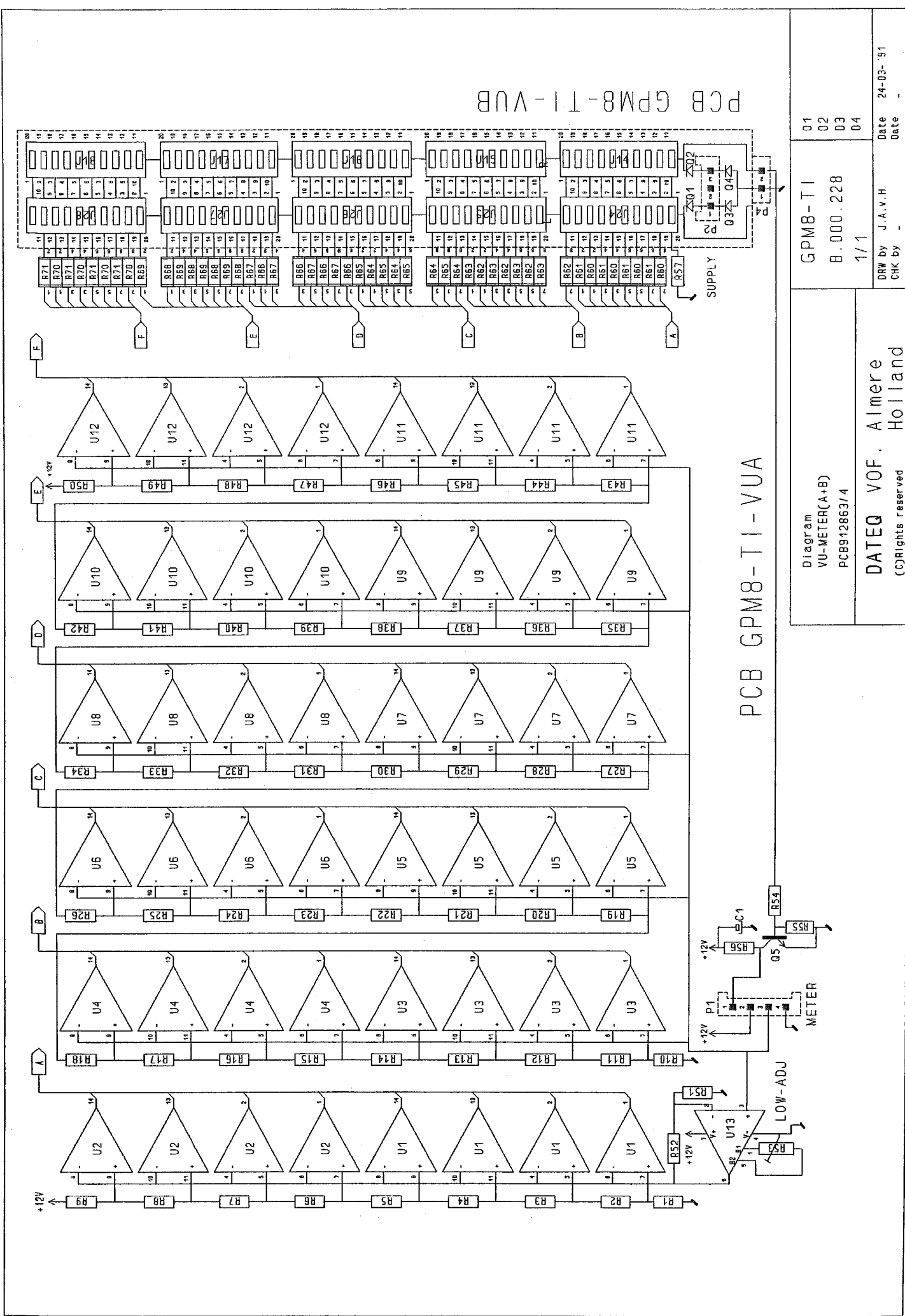
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1	R27	PW20104	Resist. 100k	metalfilm 5%	4E	
1	R28	PW20103	Resist. 10k	metalfilm 5%	4E	
1	R29	PW20478	Resist. 4.7	metalfilm 5%	4E	
1	R30	PW40109	Resist. 10	metal film	4E	1W
1	R31	PW20681	Resist. 680	metalfilm 5%	4E	
1	R32	PW20681	Resist. 680	metalfilm 5%	4E	
1	R33	PW20681	Resist. 680	metalfilm 5%	4E	
1	R34	PW20681	Resist. 680	metalfilm 5%	4E	
1	R35	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R36	PSS3473	Resist. 47k	array 4x	SIL8	
1	R37	PSC0103	Resist. 10k	array 4x	SIL5	
1	R38	PW20823	Resist. 82k	metalfilm 5%	4E	
1	R39	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R40	PT70503	Trim. 50k	PT10H 1t carbon	Str	PIHER
1	R41	PW20683	Resist. 68k	metalfilm 5%	4E	
1	R42	PW20683	Resist. 68k	metalfilm 5%	4E	
1	R43	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R44	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R45	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R46	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R47	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R48	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R49	PW20473	Resist. 47k	metalfilm 5%	4E	
1	R50	PW20473	Resist. 47k	metalfilm 5%	4E	
1	R51	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R52	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R53	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R54	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R55	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R56	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R57	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R58	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R59	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R60	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R61	PW20224	Resist. 220k	metalfilm 5%	4E	
1	R62	PW20224	Resist. 220k	metalfilm 5%	4E	
1	R63	PW20105	Resist. 1M	metalfilm 5%	4E	
1	R64	PW20105	Resist. 1M	metalfilm 5%	4E	
1	R65	PT70103	Trim. 10k	PT10H 1t carbon	Str	PIHER
1	R67	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R68	PW20152	Resist. 1.5k	metalfilm 5%	4E	
1	R69	PW20109	Resist. 10	metalfilm 5%	4E	
1	R70	PP54203	Potm. 20klog	STEREO ALPS	RK16312A-41D	
1	R71.	CZ2B0500	Fuse 500 mA	Reset.	2E	BOURNS
1	R72.	CZ2B0500	Fuse 500 mA	Reset.	2E	BOURNS
1	R73	PW20105	Resist. 1M	metalfilm 5%	4E	
1	R74	PW20105	Resist. 1M	metalfilm 5%	4E	
1	R76	PW20154	Resist. 150k	metalfilm 5%	4E	
1	R77	PW20331	Resist. 330	metalfilm 5%	4E	
1	R78	PW20331	Resist. 330	metalfilm 5%	4E	
1	R79	PW20102	Resist. 1k	metalfilm 5%	4E	
1	R80	PP54203	Potm. 20klog	STEREO ALPS	RK16312A-41D	
1	R81	PW20105	Resist. 1M	metalfilm 5%	4E	
1	R82	PW20105	Resist. 1M	metalfilm 5%	4E	
1	R83	PW20331	Resist. 330	metalfilm 5%	4E	
1	R84	PW20331	Resist. 330	metalfilm 5%	4E	

1	R90	PP54203	Potm. 20klog	STEREO ALPS RK16312A-41D	
1	R91	PW20681	Resist. 680	metalfilm 5% 4E	
1	R92	PW20681	Resist. 680	metalfilm 5% 4E	
1	R100	PP54203	Potm. 20klog	STEREO ALPS RK16312A-41D	
4	R110	PF44103	Fader 10klog	stereo 100mm JUNGPOON	
4	R120	PF44103	Fader 10klog	stereo 100mm JUNGPOON	
1	R500	PW20223	Resist. 22k	metalfilm 5% 4E	
1	R501	PW20331	Resist. 330	metalfilm 5% 4E	
1	R502	PW20223	Resist. 22k	metalfilm 5% 4E	
1	R503	PW20223	Resist. 22k	metalfilm 5% 4E	
1	R504	PW20331	Resist. 330	metalfilm 5% 4E	
1	R505	PW20223	Resist. 22k	metalfilm 5% 4E	
1	R506	PW20101	Resist. 100	metalfilm 5% 4E	
1	R510	PW20223	Resist. 22k	metalfilm 5% 4E	
1	R511	PW20331	Resist. 330	metalfilm 5% 4E	
1	R512	PW20223	Resist. 22k	metalfilm 5% 4E	
1	R513	PW20223	Resist. 22k	metalfilm 5% 4E	
1	R514	PW20331	Resist. 330	metalfilm 5% 4E	
1	R515	PW20223	Resist. 22k	metalfilm 5% 4E	
1	R516	PW20101	Resist. 100	metalfilm 5% 4E	
1	RY1	CR2DIP12	Relay DIP	12V 2-pole 2-throw DIP	
1	RY500	CR2DIP12	Relay DIP	12V 2-pole 2-throw DIP	
1	RY501	CR2DIP12	Relay DIP	12V 2-pole 2-throw DIP	
2	U1	AA2532A	NE5532AN OA2	LOW-NOISE (A) DIL8	
2	U2	AA2072	TL072CN OA2	JFET DIL8	SGS
2	U3	AA2532A	NE5532AN OA2	LOW-NOISE (A) DIL8	
2	U4	AA2072	TL072CN OA2	JFET DIL8	SGS
2	U5	AA2072	TL072CN OA2	JFET DIL8	SGS
2	U6	AA2072	TL072CN OA2	JFET DIL8	SGS
2	U7	AA2072	TL072CN OA2	JFET DIL8	SGS
2	U8	AB22822	TDA2822 OA2	POWER DUAL 4W DIL16	SGS
2	U9	AA2072	TL072CN OA2	JFET DIL8	SGS
2	U10	AA1071	TL071CN OA	JFET DIL8	SGS
2	U11	AA2072	TL072CN OA2	JFET DIL8	SGS
2	U12	AA23240	CA3240 OA2	CMOS DIL8	HARRS
2	U13	DC053	14053B	CMOS MUX3X2	
2	U14	AA13140	CA3140 OA	CMOS DIL8	HARRS
2	U500	AA2532	NE5532N OA2	LOW-NOISE DIL8	
2	U501	AA2532	NE5532N OA2	LOW-NOISE DIL8	
3	W1	CW5LAM	Bandkabel LAMINAAT	5ad+koolst. scherm	
3	W1.	CW5LAM	Bandkabel LAMINAAT	5ad+koolst. scherm	
3	W2	CW5LAM	Bandkabel LAMINAAT	5ad+koolst. scherm	
3	W2.	CW5LAM	Bandkabel LAMINAAT	5ad+koolst. scherm	
3	W5	CW5LAM	Bandkabel LAMINAAT	5ad+koolst. scherm	
3	W5.	CW5LAM	Bandkabel LAMINAAT	5ad+koolst. scherm	
3	W8.	CW5LAM	Bandkabel LAMINAAT	5ad+koolst. scherm	
3	W8	CW5LAM	Bandkabel LAMINAAT	5ad+koolst. scherm	
3	W8A	CW1MOSZ3	Montagesnoer Zwart	ø 0.7	
3	W9	CW4FL2	Bandkabel FLC254-04	4ad .22mm	
3	W18	CW6FL2	Bandkabel FLC254-06	6ad .22mm	
	PCB	I925030	GPM8-TI-MASTER		PCB

!= SELECTEER DEZE COMPONENTEN OP GELIJKHEID (LINKS = RECHTS)

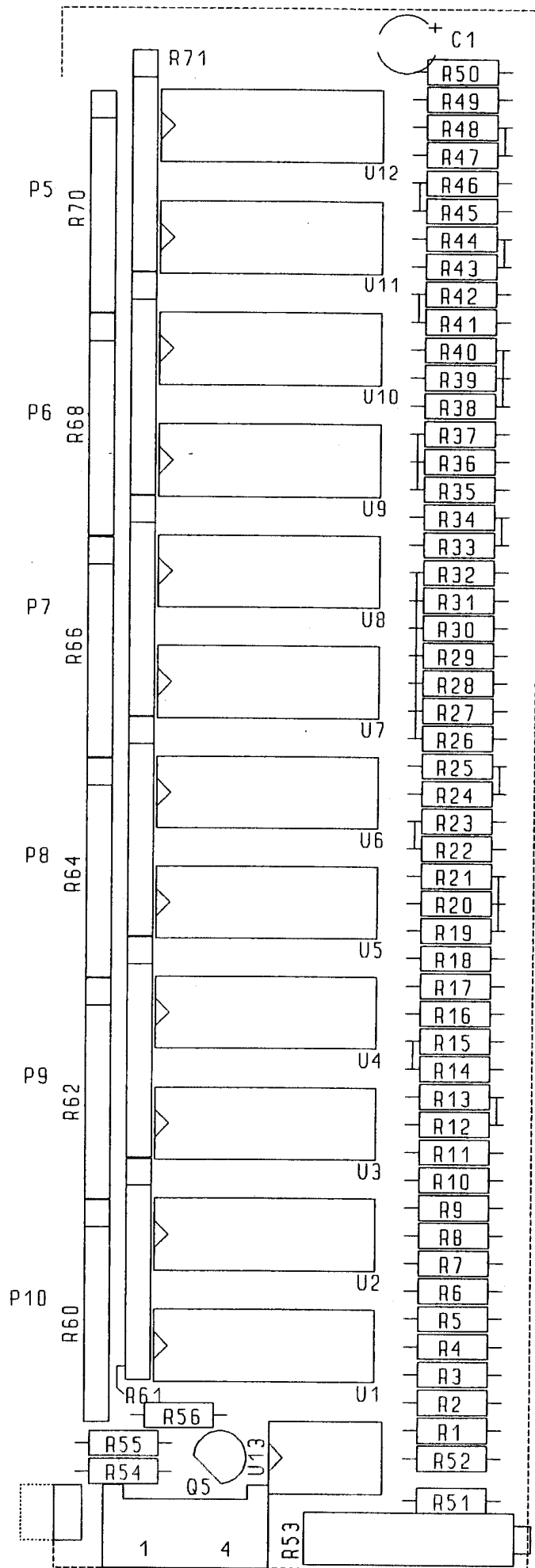
*= Samen monteren met Shadowschakelaars



PCB GPM8-T1-VUA

PCB GPM8-T1-VUB

Diagram VU-METER(A+B) PCB912863/4	GPM8-T1 B.000.228 1/1	01	Date 24-03-'91
		02	
		03	
		04	
DATEQ VOF. Almere (C)Rights reserved Holland		DRW by J.A.v.H	Date
		CHK by -	Date



DATEQ bv. De Paal 37 1351 JG Almere Holland Tel: 036-5472222

AUDIO TECHNOLOGIES

Fax: 036-5317776

Design information : (Module) 1x gpm8tvua + 1x gpm8tvub

Component-list

Product/Sub-assembly: GPM8TI VU-meter Module

09-12-97/10:14

GRP: REFDES: DTQCODE: DESCRIPTION:

PAG:1

1	PCB	I912864	GPM8TI-VUB	PCB
1	C1	PER7109	Elco 10u RADIAL 63V	2E 6 mm
5	MC10	MB25746	Bezel 2574/6 168x58mm zwart	BULGIN
1	P1	CL104	Conn.STOCKO MKS3734 4p	lock male
2	P2	CL103	Conn.STOCKO MKS3733 3p	lock male
2	P4	CI10HKS2	Conn.1-Row Header 2p RA-pins	male
1	Q1	AD4004	1N4004 Diode GP-1A	4E
1	Q2	AD4004	1N4004 Diode GP-1A	4E
1	Q3	AD4004	1N4004 Diode GP-1A	4E
1	Q4	AD4004	1N4004 Diode GP-1A	4E
1	Q5	ATN549	BC549 NPN 20V	TO92
1	R1	PW20221	Resist. 220 metalfilm 5%	4E
1	R2	PW20829	Resist. 82 metalfilm 5%	4E
1	R3	PW20101	Resist. 100 metalfilm 5%	4E
1	R4	PW20151	Resist. 150 metalfilm 5%	4E
1	R5	PW20181	Resist. 180 metalfilm 5%	4E
1	R6	PW20221	Resist. 220 metalfilm 5%	4E
1	R7	PW20271	Resist. 270 metalfilm 5%	4E
1	R8	PW20331	Resist. 330 metalfilm 5%	4E
1	R9	PW20823	Resist. 82k metalfilm 5%	4E
1	R10	PW20681	Resist. 680 metalfilm 5%	4E
1	R11	PW20181	Resist. 180 metalfilm 5%	4E
1	R12	PW20221	Resist. 220 metalfilm 5%	4E
1	R13	PW20221	Resist. 220 metalfilm 5%	4E
1	R14	PW20271	Resist. 270 metalfilm 5%	4E
1	R15	PW20271	Resist. 270 metalfilm 5%	4E
1	R16	PW20331	Resist. 330 metalfilm 5%	4E
1	R17	PW20391	Resist. 390 metalfilm 5%	4E
1	R18	PW20471	Resist. 470 metalfilm 5%	4E
1	R19	PW20561	Resist. 560 metalfilm 5%	4E
1	R20	PW20561	Resist. 560 metalfilm 5%	4E
1	R21	PW20561	Resist. 560 metalfilm 5%	4E
1	R22	PW20681	Resist. 680 metalfilm 5%	4E
1	R23	PW20681	Resist. 680 metalfilm 5%	4E
1	R24	PW20821	Resist. 820 metalfilm 5%	4E
1	R25	PW20821	Resist. 820 metalfilm 5%	4E
1	R26	PW20102	Resist. 1k metalfilm 5%	4E
1	R27	PW20102	Resist. 1k metalfilm 5%	4E
1	R28	PW20102	Resist. 1k metalfilm 5%	4E
1	R29	PW20102	Resist. 1k metalfilm 5%	4E
1	R30	PW20102	Resist. 1k metalfilm 5%	4E
1	R31	PW20102	Resist. 1k metalfilm 5%	4E
1	R32	PW20102	Resist. 1k metalfilm 5%	4E
1	R33	PW20122	Resist. 1.2k metalfilm 5%	4E
1	R34	PW20122	Resist. 1.2k metalfilm 5%	4E
1	R35	PW20152	Resist. 1.5k metalfilm 5%	4E
1	R36	PW20152	Resist. 1.5k metalfilm 5%	4E
1	R37	PW20152	Resist. 1.5k metalfilm 5%	4E
1	R38	PW20182	Resist. 1.8k metalfilm 5%	4E
1	R39	PW20182	Resist. 1.8k metalfilm 5%	4E
1	R40	PW20182	Resist. 1.8k metalfilm 5%	4E
1	R41	PW20222	Resist. 2.2k metalfilm 5%	4E

Component-list

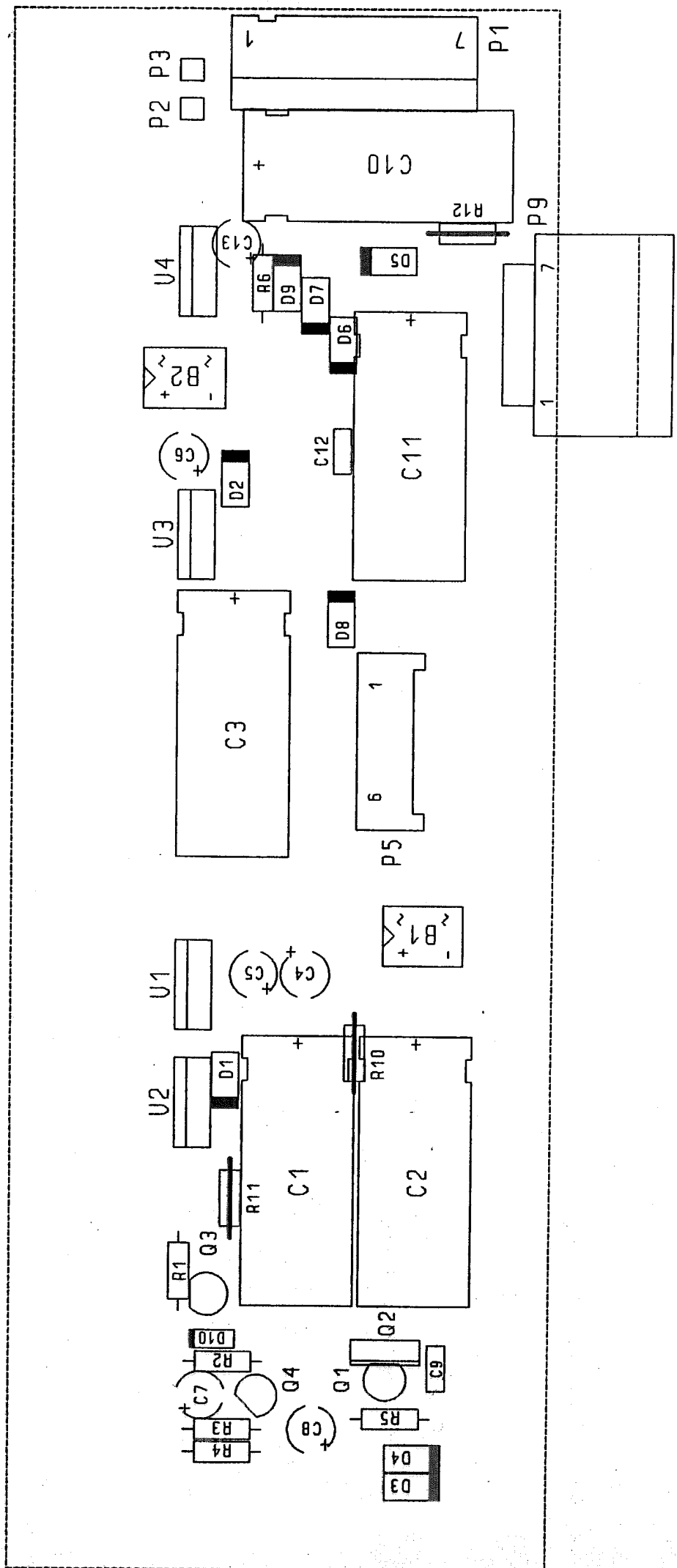
Product/Sub-assembly: GPM8TI VU-meter Module

09-12-97/10:14

P: REFDES: DTQCODE: DESCRIPTION:

PAG:2

1	R42	PW20222	Resist. 2.2k	metalfilm 5%	4E	
1	R43	PW20272	Resist. 2.7k	metalfilm 5%	4E	
1	R44	PW20272	Resist. 2.7k	metalfilm 5%	4E	
1	R45	PW20332	Resist. 3.3k	metalfilm 5%	4E	
1	R46	PW20332	Resist. 3.3k	metalfilm 5%	4E	
1	R47	PW20392	Resist. 3.9k	metalfilm 5%	4E	
1	R48	PW20392	Resist. 3.9k	metalfilm 5%	4E	
1	R49	PW20472	Resist. 4.7k	metalfilm 5%	4E	
1	R50	PW20104	Resist. 100k	metalfilm 5%	4E	
1	R51	PW20103	Resist. 10k	metalfilm 5%	4E	
1	R52	PW20393	Resist. 39k	metalfilm 5%	4E	
1	R53	PT10103	Trim. 10k 3006	15t cermet	RA-	BOURNS
1	R54	PW20103	Resist. 10k	metalfilm 5%	4E	
1	R55	PW20103	Resist. 10k	metalfilm 5%	4E	
1	R56	PW20223	Resist. 22k	metalfilm 5%	4E	
1	R57	PW20181	Resist. 180	metalfilm 5%	4E	
1	R60	PSS3181	Resist. 180	array 4x	SIL8	
1	R61	PSS3181	Resist. 180	array 4x	SIL8	
1	R62	PSS3181	Resist. 180	array 4x	SIL8	
1	R63	PSS3181	Resist. 180	array 4x	SIL8	
1	R64	PSS3181	Resist. 180	array 4x	SIL8	
1	R65	PSS3181	Resist. 180	array 4x	SIL8	
1	R66	PSS3181	Resist. 180	array 4x	SIL8	
1	R67	PSS3181	Resist. 180	array 4x	SIL8	
1	R68	PSS3181	Resist. 180	array 4x	SIL8	
1	R69	PSS3181	Resist. 180	array 4x	SIL8	
1	R70	PSS3181	Resist. 180	array 4x	SIL8	
1	R71	PSS3181	Resist. 180	array 4x	SIL8	
1	U1	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U2	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U3	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U4	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U5	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U6	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U7	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U8	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U9	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U10	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U11	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U12	AC4339	LM339	COMP4 GP QUAD	DIL14	
1	U13	AA13140	CA3140	OA CMOS	DIL8	HARRS
1	U14	AL4840	HDSP4840	LEDbar YEL 10 elem.	DIL20	
1	U15	AL4840	HDSP4840	LEDbar YEL 10 elem.	DIL20	
1	U16	AL4840	HDSP4840	LEDbar YEL 10 elem.	DIL20	
1	U17	AL4840	HDSP4840	LEDbar YEL 10 elem.	DIL20	
1	U18	AL4830	HDSP4830	LEDbar REDhi 10 elem.	DIL20	
1	U24	AL4840	HDSP4840	LEDbar YEL 10 elem.	DIL20	
1	U25	AL4840	HDSP4840	LEDbar YEL 10 elem.	DIL20	
1	U26	AL4840	HDSP4840	LEDbar YEL 10 elem.	DIL20	
1	U27	AL4840	HDSP4840	LEDbar YEL 10 elem.	DIL20	
1	U28	AL4830	HDSP4830	LEDbar REDhi 10 elem.	DIL20	
3	W9	CW4FL2	Bandkabel FLC254-04	4ad .22mm		
3	W12	CW3FL2	Bandkabel FLC254-03	3ad .22mm		
1	PCB	I912863	GPM8TI-VUA			PCB



DATEQ bv. De Paal 37 1351 JG Almere Holland Tel: 036-5472222
AUDIO TECHNOLOGIES Fax: 036-5317776

Design information : PCB934860 by TvT on 13-11-'92

Component-list

Product/Sub-assembly: GPM8TI-POWERSUPPLY PCB17-11-97/ 8:30

GRP: REFDES: DTQCODE: DESCRIPTION: PAG:1

1	B1	AEDF104	PBDF104	BrRect	GP 1A	DIL4	
1	B2	AEDF104	PBDF104	BrRect	GP 1A	DIL4	
1	C1	PEA4102	Elco 1m	AXIAL	35V 15mm	13E	
1	C2	PEA4102	Elco 1m	AXIAL	35V 15mm	13E	
1	C3	PEA4102	Elco 1m	AXIAL	35V 15mm	13E	
1	C4	PER3109	Elco 10u	RADIAL	25V	2E	5 mm
1	C5	PER3109	Elco 10u	RADIAL	25V	2E	5 mm
1	C6	PER3109	Elco 10u	RADIAL	25V	2E	5 mm
1	C7	PER6478	Elco 4.7u	RADIAL	63V	2E	5 mm
1	C9	PC82104	Cap. 100n	Multilayer		2E	
1	C10	PEA7471	Elco 470u	AXIAL	63V 15mm	13E	
1	C11	PEA8221	Elco 220u	AXIAL	100V 15mm	13E	
1	C12	PC82104	Cap. 100n	Multilayer		2E	
1	C13	PER7108	Elco 1u	RADIAL	63V	2E	5 mm
1	D1	AD4004	1N4004	Diode	GP-1A	4E	
1	D2	AD4004	1N4004	Diode	GP-1A	4E	
1	D3	AD4004	1N4004	Diode	GP-1A	4E	
1	D4	AD4004	1N4004	Diode	GP-1A	4E	
1	D5	AD4004	1N4004	Diode	GP-1A	4E	
1	D6	AD4004	1N4004	Diode	GP-1A	4E	
1	D7	AD4004	1N4004	Diode	GP-1A	4E	
1	D8	AZ2249	BZX85	24V ZENER	1.3W	4E	
1	D9	AD4004	1N4004	Diode	GP-1A	4E	
1	D10	AZ1518	BZX79	5.1V ZENER	0.5W	3E	
3	M5	CL406	Conn.STOCKO MKF17366	6p bandk.	femal		
1	P1	CM12737	Conn.Polar.Header	7p .156	MOLEX		
1	P5	CL106	Conn.STOCKO MKS3736	6p lock	male		
1	P9	CL307	Conn.STOCKO MKS2657	7p RA	male		
1	Q1	AFN244	BF244	FET N-J	TO92		
1	Q2	ATN139	BD139	NPN	80V 8W	TO126	
1	Q3	ATN549	BC549	NPN	20V	TO92	
1	Q4	AP45	BRX45	THYRISTOR	60V 0.4A		
1	R1	PW20105	Resist. 1M	metalfilm	5%	4E	
1	R2	PW20103	Resist. 10k	metalfilm	5%	4E	
1	R3	PW20103	Resist. 10k	metalfilm	5%	4E	
1	R4	PW20224	Resist. 220k	metalfilm	5%	4E	
1	R5	PW20105	Resist. 1M	metalfilm	5%	4E	
1	R6	PW20103	Resist. 10k	metalfilm	5%	4E	
1	R10	PW20000	Resist. 0 E	(metalfilm)		4E	
1	R11	PW20000	Resist. 0 E	(metalfilm)		4E	
1	R12	PW20000	Resist. 0 E	(metalfilm)		4E	
2	U1	ARP15	7815	VOLTREG	POS 1A	TO220	
2	U2	ARN15	7915	VOLTREG	NEG 1A	TO220	
2	U3	ARP12	7812	VOLTREG	POS 1A	TO220	
2	U4	ARP24	7824	VOLTREG	POS 1A	TO220	
3	W12	CW3FL2	Bandkabel	FLC254-03	3ad .22mm		
3	W18	CW6FL2	Bandkabel	FLC254-06	6ad .22mm		
1	PCB	I934860	GPM8TI-POWERSUPPLY				PCB