

LAYER 1 COMPONENT SIDE

D118, D119, D122, D123, D124, D125,
D126, D127, D128, D129, D130, D131,
D218, D219, D222, D223, D224, D225,
D226, D227, D228, D229, D230, D231

P104

1 WTCONN8 73716717 73716717 8 COND. WIRE TRAP CONN..098" SPACING

J7

1 NE5517AN NE5517AN 70405517 DUAL OTA

U3

2 PC6PIN 73714951 73714951 6 PIN POWER CONNECTOR

J17, J18

2 POT806 71190806 71190806 2KB--STD--9MM--D SHAFT

VR100, VR200

2 RALEDGN1 RALEDGN1 70450035 SLR34VR3 GP GREEN LED T1

LED1, LED2

2 RALEDYL1 RALEDYL1 70450036 LED YELLOW T1 (SMALL ROUND)

LED5, LED6

2 RASL6223 71466223 71466223 jack stereo r/a 1/4" 6.5mm

J101, J201

1 REL24V REL24V 71322388 24VDC SPST 30 AMP RELAY

RL1

2 REL24VF7 REL24VF7 71322387 SPST 70A, 24V RELAY

RL100, RL200

2 RUE185 RUE185 70400185 1.85 AMP, 3.7 AMP TRIP POLY SWITCH T&A

R27, R28

2 SDB4006 70404006 70404006 40A, 600V INLINE BRIDGE RECTIFIER

D134, D234

2 SG328 SG328 70250123 1 OHM, 30A THERMISTOR

R1, R2

2 SJE2153V SJE2153V 70402153 80V-3A-TO220 PNP DARLINGTON

Q105, Q205

6 SPD 73716194 73716194 .250 PC MNT SPADE .093 PCB

LUG1, LUG2, LUG4, LUG5, LUG7, LUG14

2 SW2342 SW2342 71322342 SWITCH, 4PDT P/P R/A MINI

SW1, SW2

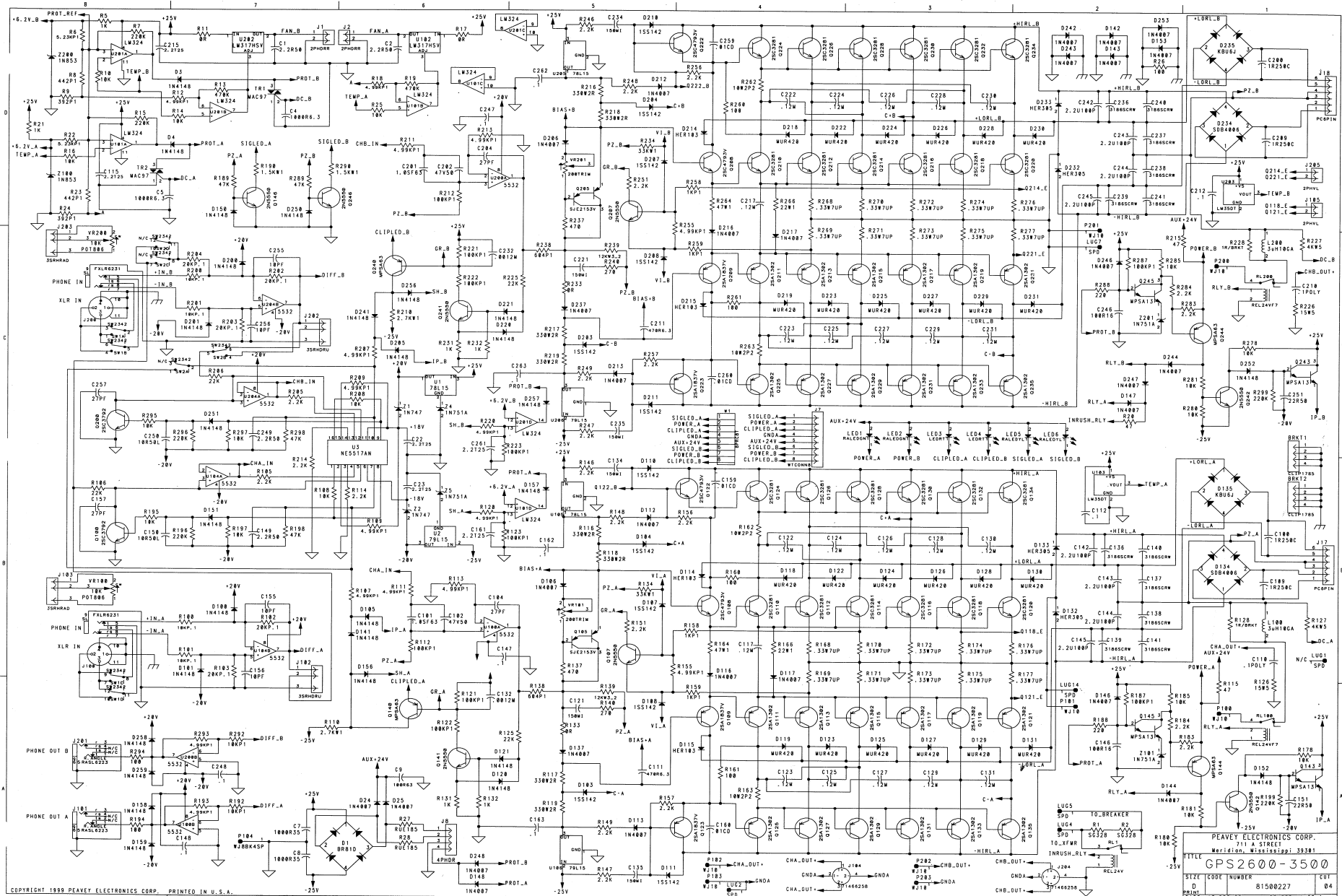
8 WJ10 WJ10 73713820 WR.-TO-BD. CRIMP TERM - 10GA.

P100, P101, P102, P103, P200, P201,
P202, P203

1 WJ8BK4SP WJ8BK4SP 91090271 BK-18G-4"-CPT-250SPD/RA

BOARD NAME: GPS3500				C146, C246		D257, D258, D259	
** QTY.	NAME	VALUE	NUMBER	DESCRIPTION AND	PART	DESCRIPTION AND	PART
1	100R63	100R63	70320264	100MF-----20%-----63VDC---EL--T&A			2 1N747 1N747 70400747 1N747A 3.6V 5% ZENER T&R
					C9		Z1, Z2
2	.0012M	.0012M	70330131	.0012M 5% 50vdc my T&A			4 1N751A 1N751A 70400751 1N751A 5.1V, .4W, 5% ZENER DIODE
					R10, R14, R16, R25, R108, R178, R180,		Z4, Z5, Z101, Z201
4	.01CD	.01CD	70320248	.01MF----20%---1000VDC---CD--T&A	R181, R185, R195, R197, R208, R278, R280, R281, R285, R295, R297		2 1N853 1N853 70400823 6.2V TEMP COMP ZENER T&R
							Z100, Z200
10	.1	.1	70340100	.1MF----+80-20%---50VDC---AXL---T&R			2 1R/BRKT 70250164 70250164 1 OHM, 10W RES, W/BACKET
					R100, R101, R200, R201		R128, R228
22	.12M	.12M	70330133	.12M 5% 50vdc my T&A			12 ISS142 ISS142 70400142 Iss142 250v SILICON DIODE
					R192, R292		D103, D104, D107, D108, D110, D111, D203, D204, D207, D208, D210, D211
2	.1POLY	.1POLY	70330103	.1 MFD 200V POLY CAP			22 2.2K 2.2K 70240020 2.2K--1/4W--5%---CF--T&R
					C117, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C217, C222, C223, C224, C225, C226, C227, C228, C229, C230, C231		R105, R114, R146, R147, R148, R149, R151, R156, R157, R183, R184, R205, R214, R246, R247, R248, R249, R251, R256, R257, R283, R284
4	.1R250C	.1R250	70320307	.1MFD 250V CAP RADIAL			4 2.2R50 2.2R50 70320180 2.2MF-----20%-----50VDC---EL--T&A
					C110, C210		C1, C2, C149, C249
20	.33W7UP	.33W7	70250163	.33-7W-5%-WW-STANDUP			6 2.2T25 2.2T25 70340087 2.2 MF,10%,25VDC,TANTALUM T&A
					R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R268, R269, R270, R271, R272, R273, R274, R275, R276, R277		C22, C23, C115, C161, C215, C261
4	0R	0R	70240148	0 ohm--1/4W---T&R			8 2.2U100P 2.2U100P 70320338 2.2UF-100V-POLY-RADIAL CAP
					C121, C134, C135, C221, C234, C235		C142, C143, C144, C145, C242, C243, C244, C245
2	1.0SF63	1.0SF63	70320275	1 MFD 10% 63 VDC SF R/W			2 2.7KW1 2.7KW1 70210016 2.7K--1W---5%---MO--T&R
					R11, R17, R133, R233		R110, R210
2	1.5KW1	1.5KW1	70210007	1.5K-1W---5%---MO--T&R			2 200TRIM 200TRIM 71190137 200 OHM TRIM POT
					C101, C201		VR101, VR201
7	100	100	70240010	100---1/4W--5%---CF--T&R			5 20KP.1 20KP.1 70241116 20K-1/4W--.1%---MF--T&R
					R190, R290		R102, R103, R202, R203, R204
2	1000R35	1000R35	70320186	1000MF-----20%-----35VDC---EL--T&A			2 220 220 70240058 220---1/4W--5%---CF--T&R
					R26, R160, R161, R194, R260, R261, R294		R188, R288
2	1000R6.3	1000R6.3	70320306	1000uF--6.3V--20%---EL--T&A			6 220K 220K #0240036 220K-1/4W--5%---CF--T&R
					C7, C8		R7, R15, R196, R199, R296, R299
10	100KP1	100KP1	70240151	100K--1/4W--1%---MF--T&R			4 22K 22K 70240029 22K--1/4W--5%---CF--T&R
					C4, C5		R106, R125, R206, R225
2	100R16	100R16	70320265	.100MF-20%-16V-EL-T&A			2 22R50 22R50 70320181 22MF-----20%-----50VDC---EL--T&A
					R112, R121, R122, R123, R187, R212, R221, R222, R223, R287		C151, C251
					D3, D4, D100, D101, D105, D120, D121, D141, D150, D151, D152, D156, D157, D158, D159, D200, D201, D205, D220, D221, D241, D250, D251, D252, D256,		

2 22W1	22W1	70210001	22---1W---5%---MO--T&R	R9, R24	R138, R238
					2 71466258 71466258 71466258 PCB CONN, 4 POLE SPEAKON (NEUTRIK)
				R166, R266	J104, J204
2 270	270	70240013	270---1/4W--5%---CF--T&R	2 3SRHDRU 73717013 73717013 3 PIN S/R HDR .100 W/LOCK -UP	3 78L15 78L15 70400015 78L15ACP +15V 100MA REG
				J102, J202	U1, U105, U205
				R140, R240	3 79L15 79L15 70400016 MC79L15 -15V VR
4 27PF	27PF	70340066	27PF-----10%---50VDC---T/C---T&R	2 3SRHRAD 73719080 73719080 3 PIN S/R R/A HDR .100 W/LOCK -DOWN	U2, U106, U206
				J103, J203	1 8PRC8T 70600111 70600111 8C PRE-TIN .100 CTR 8" WIRE TRAP JMPR CBL
8 2N5550	5550	70465550	2N5550 TO-92 NPN TRANS T&A	2 3UH10GA 3UH10GA 70500023 3 UH INDUCTOR 10 guage leads	W1
				L100, L200	1 BR81D BR81D 70400081 100 VOLT-2A-BRIDGE RECT.
				Q107, Q141, Q142, Q146, Q207, Q241, Q242, Q246	D1
2 2PHDRR	73719107	73719107	2 PIN .156" HEADER VERTICAL/LOCKING	16 4.99KP1 4.99KP1 70241060 4.99K-1/4W--1%---MF--T&R	2 CLIP1785 70901785 70901785 screw term, 6-32 - pcb mnt.
				R12, R18, R107, R109, R111, R113, R120, R155, R193, R207, R209, R211, R213, R220, R255, R293	BRKT1, BRKT2
2 2PHVL	2PHVL	73717037	2 PIN HEADER VERT. W/LOCK	2 442P1 442P1 70240084 442 OHM 1% 1/4W MF T&R	2 FXLR6231 71466231 71466231 COMB COAXL FML XLR-1/4JK
				J105, J205	J100, J200
24 2SA1302	2SA1302	70458200	200V PLASTIC PNP POWER TRNASISTOR	3 47 47 70240008 47---1/4W--5%---CF--T&R	4 HER103 HER103 70400103 HER-103 HI EFF RECT DIODE
				R20, R115, R215	D114, D115, D214, D215
				Q111, Q113, Q115, Q117, Q119, Q121, Q125, Q127, Q129, Q131, Q133, Q135, Q211, Q213, Q215, Q217, Q219, Q221, Q225, Q227, Q229, Q231, Q233, Q235	4 HER305 HER305 70400305 400V 3A HIGH EFF DIODE
4 2SA1837V	2SA1837V	70401837	PNP TRAN TO-220 230V 1A VERT	2 470R6.3 470R6.3 70320183 470MF-----20%---6.3VDC--EL--T&A	D132, D133, D232, D233
				C111, C211	2 KBU6J 70400605 70400605 6A, 600V, INLINE DIODE BRIDGE RECTIFIER
24 2SC3281	2SC3281	70468200	200V PLASTIC NPN POWER TRANSISTOR	4 47K 47K 70240031 47K---1/4W--5%---CF--T&R	D135, D235
				R189, R198, R289, R298	2 LEDRT1 LEDRT1 70450034 SLR34VR3 GP RED LED T1 ROUND
				Q109, Q123, Q209, Q223	2 LM317HSV LM317HSV 70400317 LM317T W/VERTICAL HEATSINK
24 2SC3281	2SC3281	70468200	200V PLASTIC NPN POWER TRANSISTOR	2 47V50 47V50 70320182 47MF-----20%---50VDC---LL--T&A	U102, U202
				C102, C202	2 LM324 LM324 70400324 LM324 QUAD OP AMP
2 2SC3792	2SC3792	70403792	HIGH REVERSE BREAKDOWN NPN TRANSISTOR T&A	2 47W1 47W1 70210011 47---1W---5%---MO--T&R	U101, U201
				R164, R264	2 LM35DT LM35DT 70410035 CENTIGRADE TEMP SENSOR
4 2SC4793V	2SC4793V	70404793	PNP TRAN TO-220 230V 1A VERT	R127, R227	U103, U203
				Q108, Q122, Q208, Q222	2 MAC97 MAC97 70460097 MAC97-6 400V .6A TO-92 TRIAC T&A
12 3186SCRW	3186SCRW	BENNETT	1.4" SCREW MT. CAP	J8	TR1, TR2
				C136, C137, C138, C139, C140, C141, C236, C237, C238, C239, C240, C241	
8 330W2R	330W2R	70250074	330--RSS2W-5%--MO---AXL	2 5.23KP1 5.23KP1 70241071 5.23K-1/4W--1%---MF--T&R	4 MPSA13 A13 70460013 MPS-A13 NPN DARLINGTON TRANS T&A
				R6, R22	Q143, Q145, Q243, Q245
2 33KW1	33KW1	70210027	33K---1W---5%---MO--T&R	4 5532 5532 70405532 NE5532FE DUAL LO-NOISE	4 MPSA63 A63 70400063 MPS-A63 PNP DARLINGTON TRANS
				U100, U104, U200, U204	Q140, Q144, Q240, Q244
				R134, R234	24 MUR420 MUR420 70420420 MUR-420 FAST RECOVERY DIODE
2 392P1	392P1	70241044	392---1/4W---1%---MF--AXL	2 604P1 604P1 70240155 604---1/4W--1%---MF--T&R	



PEAVEY ELECTRONICS CORP.
711 A STREET
MELISSA, MISSISSIPPI 39381
TITLE
GPS2600-3500
SIZE CODE NUMBER 81500227 COT
DATE 13-DEC-89 SHEET 1 OF 1