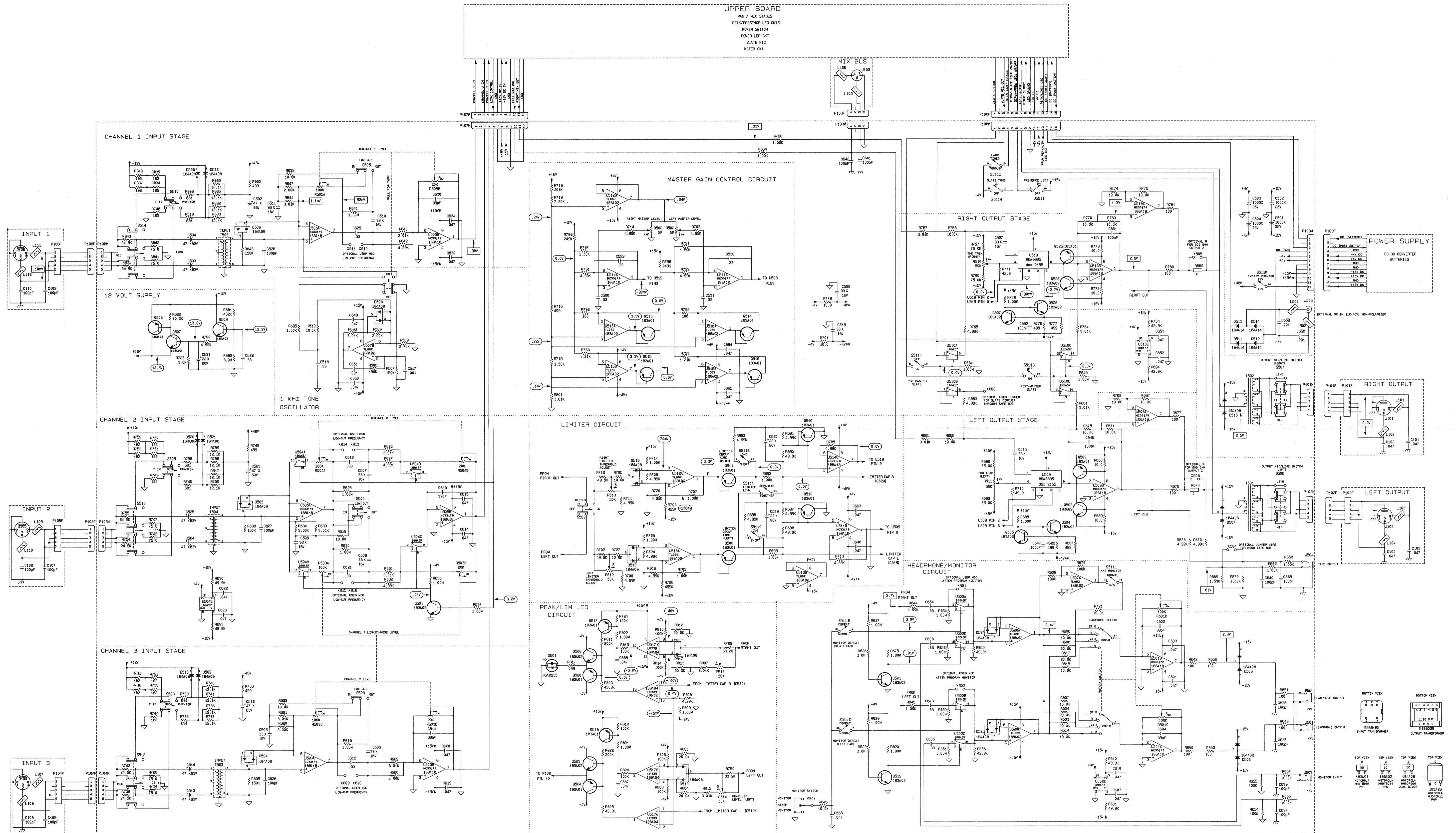


FP32A MAIN BOARD



NOTE: All measurements taken with channel and master controls fully ON, headphone control and pan pots centered, and output loaded with 600 ohms

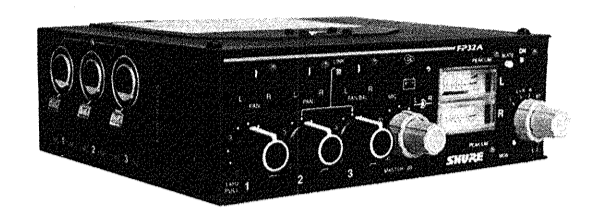
- D.C. VOLTAGE
- - - A.C. VOLTAGE

FP32A REPLACEMENT PARTS

REFERENCE DESIGNATOR	QTY.	DESCRIPTION	PART NO.
A1	1	CARRYING CASE	26A22
A2	1	PC BOARD ASSEMBLY (INCLUDES ALL BOARDS)	90A8509H
MP1	1	BATTERY BOX	65A8186
MP2	1	BRACKET, PAN POT	53A8351
MP3	1	BRACKET, VU METER	53A8347
MP4	2	KNOB, CONCENTRIC SET	95A8354
MP5	3	KNOB, LEVEL	95A8372
MP6	3	KNOB, PAN POT	65A8189A
MP7	1	RESONATOR	66A8029
MP8	3	RUBBER BUMPER	66A8031
B201-204	4	BATTERY TERMINAL	56A8055
C201, 203, 205, 206, 208, 512-14, 523-525, 532-534	14	CAPACITOR, 47µF, 63V, -20%, +100%	86BE629
C202, 204, 207, 209, 301, 501-504	9	CAPACITOR, 1000µF, 25V, -20%, +100%	86BF629
C505-511, 515, 516, 526, 527	11	CAPACITOR, 33µF, 16V, -20%, +100%	86BG629
D310-312, 314, 315	6	LED, BI-COLOR, RED/GREEN	86B8935
J501, 503, 504	3	PHONE JACK, 3.5mm, FEMALE	95A8351
J103	1	CONNECTOR, TINY GG, MALE	95A8077
J104-106	3	AUDIO CONNECTORS - FEMALE, INPUT	95A8367
J101, 102	2	AUDIO CONNECTORS - MALE, OUTPUT	95B8367
J502	1	PHONE JACK, 1/4 INCH, FEMALE	95Z8322
J505	1	CONNECTOR, DC INPUT	95A8328
L201	1	INDUCTOR	82A8012
L202-208	7	INDUCTOR 820mH	82A8023
M1	1	VU METER, WITH BATTERY INDICATOR	95C8338
M2	1	VU METER	95D8388
P101F, 102F, 104F, 105F, 106F	5	RIBBON CABLE ASSEMBLY	95B8403B
P103F	1	RIBBON CABLE ASSEMBLY	95B8504C
P109F	1	RIBBON CABLE ASSEMBLY	95K8504G
P107F	1	RIBBON CABLE ASSEMBLY	95K8591F
P108F	1	RIBBON CABLE ASSEMBLY	95N8591F
R301, R302	2	POTENTIOMETER, TRIM, 50K	46B8014
R303-305	3	POTENTIOMETER, PAN 5K	46Z8050
R501	1	POTENTIOMETER, DUAL, 2 X 100K, W/SWITCH (PHN)	46B8040
R502	1	POTENTIOMETER, DUAL, 2 X 2K (MASTER)	46A8043
R503	1	POTENTIOMETER, 100K/20K/100K/20K (CH.#3)	46C8043
R504	1	POTENTIOMETER, 100K/20K (CH.#2)	46D8038
R505	1	POTENTIOMETER, 100K/20K, WITH SWITCH (CH.#1)	46A8051
S301, 502, 504	3	SWITCH, SLIDE	55B8076
S302	1	SWITCH, PUSH BUTTON	55B8078
S303	1	SWITCH, TOGGLE	55B8070
S304, 503, 505	3	SWITCH, SLIDE	55D8055
S501	1	SWITCH, TOGGLE	55A8075
S506, 507, 512-514	5	SWITCH, SLIDE	55A8019
S508-510	3	SWITCH, SLIDE	55A8072
S511	1	SWITCH, 12 POSITION DIP	55A8079
SM901	1	CARTRIDGE, SLATE MICROPHONE	95A8357
T501, T502	2	OUTPUT TRANSFORMER	51C8039
T503-505	3	INPUT TRANSFORMER	90A4323
U509, 519	2	I.C., DBX 2155B	86A8895



FP32A STEREO MIXER
TECHNICAL INFORMATION



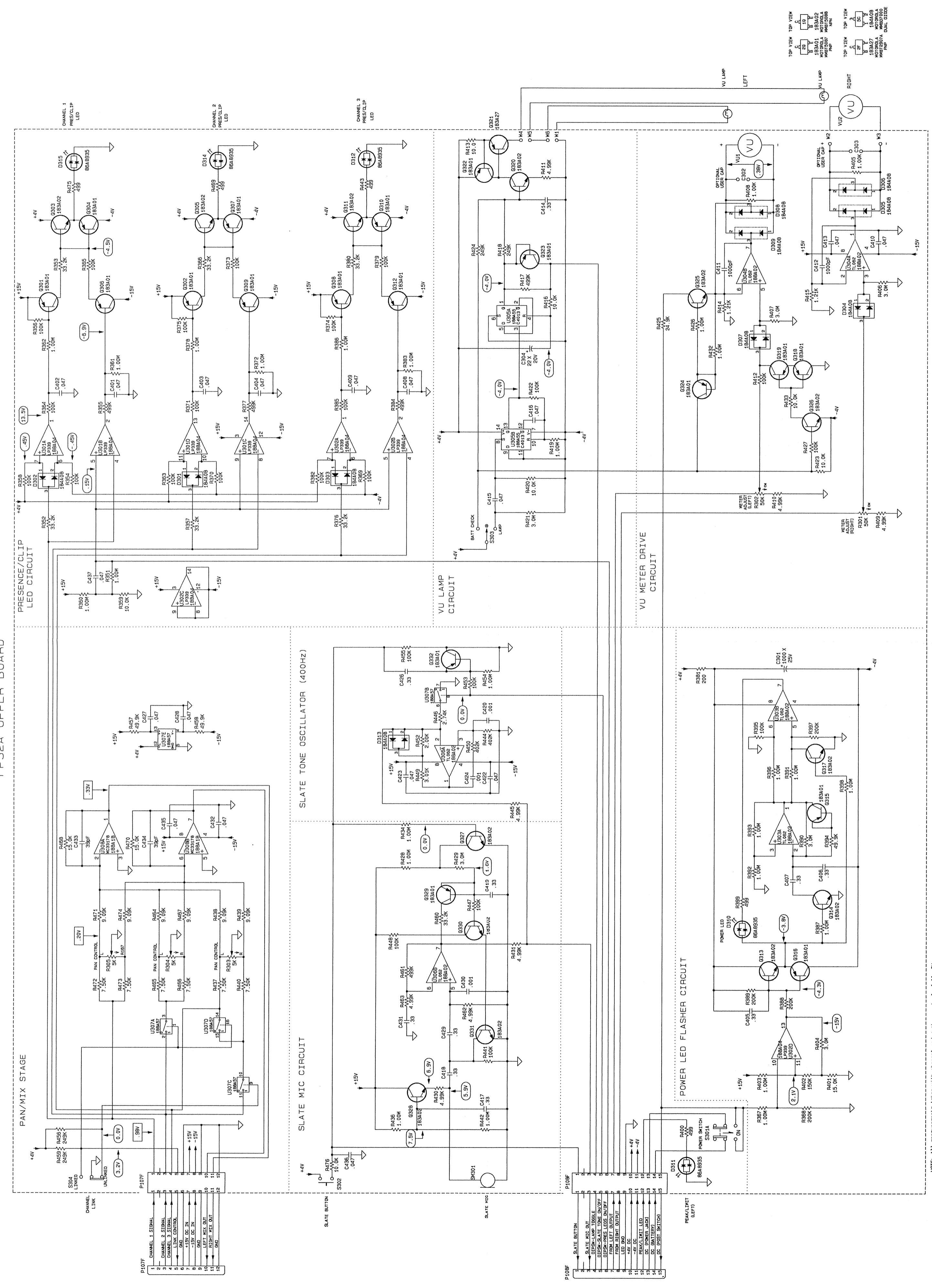
NOTE: This publication provides technical information on the Shure Model FP32A Stereo Mixer. This information is intended for use only by qualified service personnel with proper equipment.

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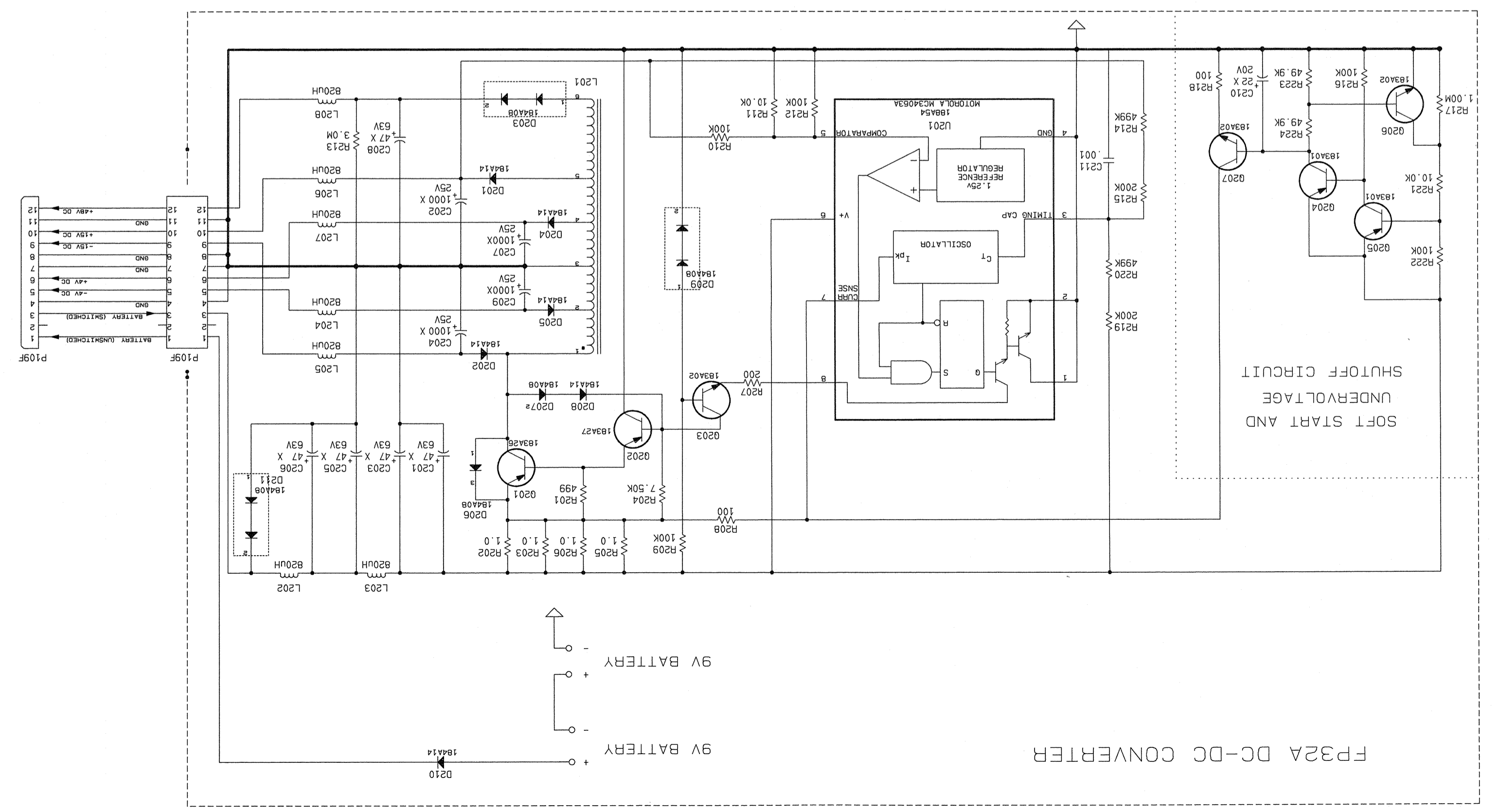
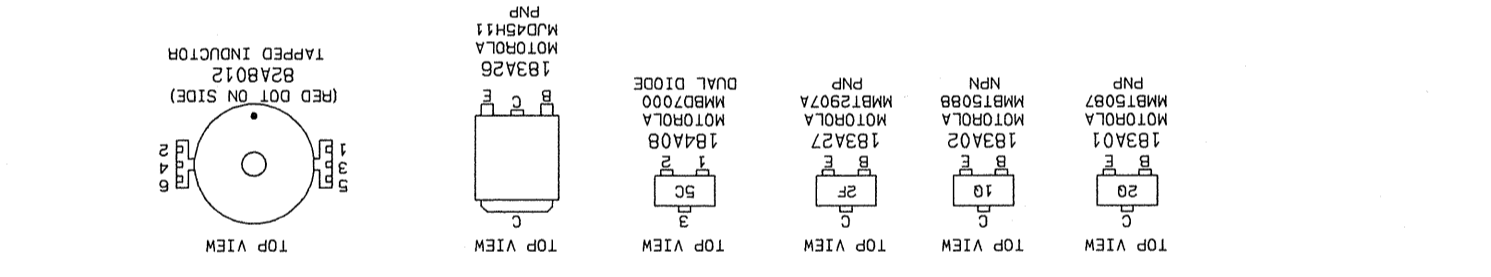
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FP32A UPPER BOARD



NOTE: All measurements taken with channel and master controls fully ON.
Resistor and capacitor values are given. Inductor values are given.
□ = D.C. VOLTAGE
○ = A.C. VOLTAGE



FP32A DC-DC CONVERTER