



DESIGNATOR PART # DESCRIPTION

C1	12A106-11	10uF 16V
C2	10A101-21	100pF 200V
C3	10A102-11	.001uF 100V
C4	10A104-01	0.1uF 50V
C5	10A471-11	470pF 100V
C6	12A106-11	10uF 16V
C7	10A473-11	.047uF 100V
C8	12A335-51	3.3uF 50V
C9	10A104-01	0.1uF 50V
C10	10A472-11	.0047uF 100V
C11	10A221-11	220pF 100V
C12	10A222-11	.0022uF 100V
C13	12A225-51	2.2uF 50V
C14	12A105-51	1uF 50V
C15	10A104-01	0.1uF 50V
C16	NDT USED	
C17	10A104-01	0.1uF 50V
C18	12A105-51	1uF 50V
C19	10A104-01	0.1uF 50V
C20	NDT USED	
C21	12-226-32	22uF 35V
C22	12-226-32	22uF 35V
C23	12A106-11	10uF 16V
C24	10A223-01	.022uF 50V
C25	10-224-03	.22uF 100V POLY
C26	12-225-81	2.2uF 50V N. P.
C27	10-272-01	.0027uF U. L.
C28	12-228-26	2200uF 25V
C29	12A106-11	10uF 16V
C30	12-228-26	2200uF 25V
C31	12A106-11	10uF 16V
C32	10A104-01	0.1uF 50V
C33	12A106-11	10uF 16V
C34	12A106-11	10uF 16V
C35	10A561-11	560pF 100V
C36	10A104-01	0.1uF 50V
C37	10A472-11	.0047uF 100V
C38	10A332-01	.0033uF 50V
C39	10A222-11	.0022uF 100V
C40	10A104-01	0.1uF 50V
C41	12-226-82	22uF 16V N. P.
C42	12-107-32	100uF 35V
C43	10A500-21	56pF 200V
C44	10A471-11	470pF 100V
C45	10A101-21	100pF 200V
C46	10A333-01	.033uF 50V
C47	10A104-01	0.1uF 50V
D1	21A914-01	1N914
D2	21A914-01	1N914
D3	21A146-01	1N746 3.3V
D4	21A754-01	1N754 6.8V
D5	21A914-01	1N914
D6	21A146-01	1N746 3.3V
D7	21A754-01	1N754 6.8V
D8	21A914-01	1N914
D9	21A402-01	1N4002
D10	21A402-01	1N4002
D11	21A402-01	1N4002
D12	21A402-01	1N4002
D13	21A402-01	1N4002
D14	21A402-01	1N4002
D15	21-573-01	5mm Square RED LED RT. ANGLE
D16	21A443-01	1N4743 13V 1W
D17	21A443-01	1N4743 13V 1W
D18	21A914-01	1N914
D19	21A914-01	1N914
D20	21A444-01	1N4744 15V 1W
FC1	23-926-02	FUSE CLIP
FC2	23-926-02	FUSE CLIP
F1	23-505-05	1/2A SLD-BLD FUSE

IC1	37-074-01	TLD74	QUAD OP-AMP
IC2	37-532-01	NE5532	DUAL OP-AMP
IC3	37-240-01	TDA2040V	20W POWER AMP I. C.
IC4	37-072-01	TLD72	DUAL OP-AMP
IC5	37-307-01	MN3007	1024 STAGE BBD I. C.
IC6	37-301-01	MN3101	CLOCK GENERATOR/DRIVER
IC7	37-072-01	TLD72	DUAL OP-AMP
J1	39-116-01	1/4" MONO JACK	
J2	17-102-02	.1" CENTER 2 PIN LOCKING HEADER	
J3	17-102-02	.1" CENTER 2 PIN LOCKING HEADER	
J4	39-116-01	1/4" MONO JACK	
J5	39-117-01	1/4" STEREO JACK	
J6	17-309-02	.156" CENTER 2 PIN LOCKING HEADER	
J7	17-894-01	.187" TAB	
J8	17-894-01	.187" TAB	
J9	17-500-01	GND LUG	
J10	17-894-01	.187" TAB	
J11	17-894-01	.187" TAB	
J12	17-894-01	.187" TAB	
J13	17-320-05	5mm CONNECTOR	
J14	17-310-03	.156" 3 PIN CONNECTOR	
J15	17-894-01	.187" TAB	
JW1-17	76-000-05	JUMPER WIRE	
P1	70-254-61	250K	LINEAR
P2	70-254-61	250K	LINEAR
P3	70-103-68	10K	AUDIO
P4	70-103-68	10K	AUDIO
P5	70-501-62	500	AUDIO
P6	70-103-61	10K	LINEAR
P7	70-103-68	10K	AUDIO
Q1	96-112-01	J112	
R1	76-222-01	2.2K	
R2	76-274-01	270K	
R3	76-222-01	2.2K	
R4	76-152-01	1.5K	
R5	76-471-01	470	
R6	76-222-01	2.2K	
R7	76-472-01	4.7K	
R8	76-102-01	1K	
R9	76-222-01	2.2K	
R10	76-223-01	22K	
R11	76-223-01	22K	
R12	76-472-01	4.7K	
R13	76-474-01	470K	
R14	76-473-01	47K	
R15	76-473-01	47K	
R16	76-473-01	47K	
R17-R18	NDT USED		
R19	76-153-01	15K	
R20	76-752-01	7.5K	
R21	76-332-01	3.3K	
R22	76-103-01	10K	
R23	76-470-01	47	
R24	76-223-01	22K	
R25	76-103-01	10K	
R26	76-222-01	2.2K	
R27	76-221-01	220	
R28	76-101-01	100	
R29	NDT USED		
R30	76-104-01	100K	
R31	76-153-01	15K	
R32	76-103-01	10K	
R33	76-102-01	1K	
R34	76-470-01	47	
R35	76-101-01	100	
R36	78-001-03	0.1	3W
R37	76-010-01	1	
R38	76-221-01	220	
R39	76-470-01	47	

R40	76-221-01	220	
R41	77-101-01	100	1/2W
R42	77-101-01	100	1/2W
R43	77-102-01	1K	1/2W
R44	76-221-01	220	
R45	76-104-01	100K	
R46	76-472-01	4.7K	
R47	76-682-01	6.8K	
R48	76-223-01	22K	
R49	76-102-01	1K	
R50	76-753-01	75K	
R51	76-104-01	100K	
R52	76-152-01	1.5K	
R53	76-223-01	22K	
R54	76-472-01	4.7K	
R55	76-104-01	100K	
R56	77-561-01	560	1/2W
R57	76-392-01	3.9K	
R58	76-334-01	330K	
R59	76-183-01	18K	
R60	76-103-01	10K	
R61	76-103-01	10K	
R62	76-103-01	10K	
R63	76-752-01	7.5K	
R64	76-222-01	2.2K	
R65	76-104-01	100K	
R66	76-222-01	2.2K	
R67	76-224-01	220K	
R68	76-273-01	27K	
R69	76-103-01	10K	
R70	76-224-01	220K	
S1	88-302-01	DPDT PUSHBUTTON SW.	
S2	88-302-01	DPDT PUSHBUTTON SW.	

HARDWARE

HS1	33-020-01	20W PC MOUNT HEAT SINK
HS2	33-010-02	HEAT SINK CLIP
HS3	35-575-01	K10-58 INSULATOR PAD

PC BOARD ART REV. 3

9				
8				
7	01/07/97	MAG		DELETED 23-926-01 TO 23-926-02 & DELETED 23-300-05 TO 23-505-05 PER ECO 970002
6	03/14/94	SWR		DELETED C16 PER ECO #E090
5	03/03/93	SWR		MOVED TABS J15 & J7 .050"
4	01/27/93	SWR		CHANGED VALUE OF D16 & D17
3	10/27/92	SWR		CHANGED P/N & VALUE AS MARKED.
2	08/01/92	MGA		CHANGE HEADPHONE CIRCUIT CHANGE TRANSFORMER HOOKUP
1	02/24/92	MGA		ADD R54 TO REVERB CIRCUIT SEE ZONE C-1
REV	DATE	BY	CHK'D	DESCRIPTION

SIGNATURES:		DATE:	
DRAWN: S.RADER		01/28/92	
CHK'D: DAP		01/31/92	
APP'D: DAP		01/31/92	
ORIGINAL ISSUED:		01/31/92	
PLOT DATE:		01/07/97	
PLOT TIME:	13:40:58		
FILE NAME:	20101p7_		
DRAWING NO. 07P201-01		REV. 7	
SCALE: 1:1	SHEET: 1 OF 1		

1880 BORMAN DR.
ST. LOUIS, MISSOURI
63146

PROJECT NAME:
GX-20M GUITAR AMP

DRAWING NAME:
PICTORIAL DRAWING