

Unitronics UA150AP 18 watt r.m.s. power amplifier
schematic diagram

PARTS LIST:

Semiconductors:

Q1	.....	MPS9682
Q2	.....	MPS9632
Q3	.....	MPS9619
Q4	.....	MPS9669
Q5	.....	LM 373
Q6	.....	LM 372
D1	.....	CDG 22
D2	.....	CDG 22

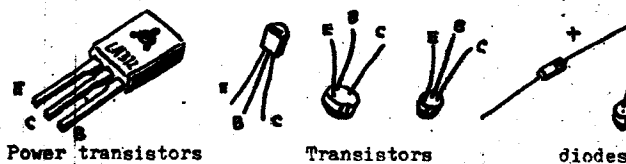
Resistors:

R1	.....	300K
R2	.....	100ohm
R3	.....	100K
R4	.....	1.5K
R5	.....	27K
R6	.....	3.3K
R7	.....	430ohm
R8	.....	3.3K
R9	.....	1.5K
R10	.....	180K
R11	.....	270ohm
R12	.....	270ohm
R13	.....	10 ohm
R14	.....	1 ohm 1W
R15	.....	1 ohm 1W

Condensers:

C1	.....	25u 50V
C2	.....	15u 25V
C3	.....	25u 50V
C4	.....	1u 25V
C5	.....	100p
C6	.....	0.05mfd
C7	.....	25u 50V
C8	.....	2000u 25V

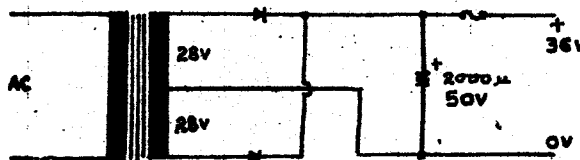
Semiconductors identifications:



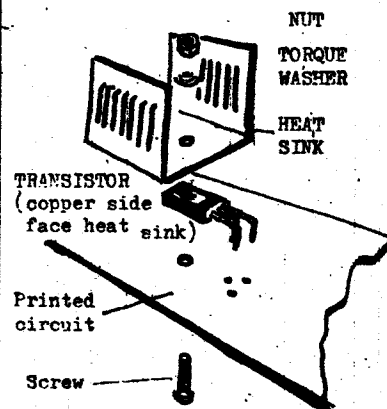
Power transistors

Transistors

Diodes



Recommended power supply (Unitronics P20A)



TRANSISTOR
(copper side
face heat sink)

Printed
circuit

Screw

Power transistor mounting

UNITRONICS

Revised version of UA150AP

copyright April 1971

Ying Kwong Electronics & Models Co., Ltd.
Tel: K567245 P.O. Box K550
Hong Kong

mount the power as above diagram.
do not over-tighten the screws or
you may damage the transistor body
apply silicone grease between the
mica and the heat sink. Be sure
the torque washer is in the correct
side up. The two heat sinks must
not touch each other.

