Dual Channel Single Ended 500W/4ohm amplifier NOMINAL SUPPLY ±35V..60V

FOR SUPPLY ±21V..39V = [value]
READ DOC FOR EB-TA3020 FOR OTHERS SUPPLY

PRINT DATE: **19-Jun-2002**
FILE: **D:\1_CAD\TRIPATH\3020-31X.SCH**
PROJECT:
REVISION DATE: **3.1**
PAGE: **1**
TOTAL: **1**

AMP OUTPUT 2
AMP OUTPUT 1

I1 — TA3020

POWER SUPPLY CONNECTOR
5V INPUT CONNECTOR

CH 2 OFFSET TRIM
CH 1 OFFSET TRIM

OVER UNDER VOLTAGE DETECT

Pin list (left side):
1 VN10
2 LO2
3 LO2COM
4 HO2COM
5 HO2
6 OCS2LN
7 OCS2LP
8 OCS2HP
9 OCS2HN
10 VBOOT2
11 NC
12 OCR2
13 FBKOUT1
14 FBKGND1
15 HMUTE
16 FBKOUT2
17 DCOMP
18 FBKGND2
19 BIASCAP
20 INV2
21 OAOUT2
22 BBM0
23 BBM1
24 MUTE
25 INV1

Pin list (right side):
48 LO1
47 LO1COM
46 HO1COM
45 HO1
44 OCS1HN
43 OCS1HP
42 OCS1LP
41 OCS1LN
40 VBOOT1
39 VNN
38 NC
37 OCR1
36 NC
35 V5
34 DGND
33 OCR1
32 REF1
31 OCR2
30 VNNSENSE
29 VPPSENSE
28 AGND
27 V5
26 OAOUT1

VNNSENSE
VPPSENSE

BBM 0 SET TO 5V
BBM 1 SET TO 0V
REMOVE J4 SHUNT TO ENABLE MUTE
MUTE[H]

ref. to VNN !!

only for SINGLE ENDED
only for BRIDGED

U999 LM317
D999 SM4001

M3-BOLZ10X05
Y1 Y2 Y3 Y4

PCB
Name: 3020_r31.pcb
Typ: LAYER2

Y
PARTINFO

FB1   FB2
OCRNT1   OCRNT2
PGND1   PGND2

J201   J101
J200   J100
J5   J1

VPP   VNN   PGND   +10V   +5V   +9V   AGND   +2V5