REVISION HISTORY					
REV	ECO NO.	DESCRIPTION	CHANGED BY & DATE	CHECKED BY & DATE	EFFECTIVITY DATE
1		INITIAL RELEASE	BWF 01/04/05	GEH 01/04/05	01/04/05
1.1		VALUE CHANGES AND MOVE HV CONNECTOR	BWF 04/13/06	GEH 04/13/06	04/13/06

R23 10/ 25 WATT
R1 150K 2WATT
R2 150K 2WATT
R3 150K 2WATT
R10 150K 2WATT
R9 150K 2WATT
R8 150K 2WATT
R15 150K 2WATT
R16 150K 2WATT
R17 150K 2WATT
C2 470UF/400V
C3 470UF/400V
C4 470UF/400V
C8 470UF/400V
C7 470UF/400V
C6 470UF/400V
C12 470UF/400V
C13 470UF/400V
C14 470UF/400V
R5 1M/1W
R14 1M/1W
R19 1M/1W
R20 10.0K 1/2W
J4 FASTON — HV TO TUBES
C5 0.002/6KV
J10 FASTON — GND
TO BRIDGE
FROM BRIDGE
J3 2PIN_HV
J14 HV AC
J15 HV AC
J16 HV +
J17 HV –
C11 1000pF
R22 1K/1W
D8 1N5363B
C10 1000pF
TP1 IP MON
TP3 HV MON
TP4 GND
J7 10PIN/.100
HV_MON
IP_MON
TRIP_1
TRIP_2
SCREEN
K1
TQ2/RELAY
TP5 HV–
R21 1K 3 WATT
D6 1N5363B
D4 1N4746A
R7 15 1/2W
R6 470 1/2W
C17 .01UF 50v
Q1 2N3906
R24 10/ 25 WATT
TP2 SCREEN
Q2 IRFB9N60A
R18 15/1W
D9 1N4744A
D7 1N5408
C15 4.7UF/500V
C9 0.002/6KV
C16 4.7UF/500V
J1 FASTON — +430_VOLT
+430V
C1 100UF/500V
R4 150K 2WATT
R12 15/1W
R11 10K/1W
R13 12K 3 WATT
D5 1N5383B
D3 1N5363B
D2 1N5383B
C18 0.002/6KV
J11 MTG
J2 MTG
J12 MTG
J13 MTG
J5 MTG
J6 MTG
J9 MTG
J8 MTG

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
.XX +/- 0.01 ANGLE: 0.5
.XXX +/- 0.001

PROPRIETARY NOTICE:
THIS DOCUMENT AND DATA DISCLOSED HEREIN AND HEREWITH IS NOT TO BE REPRODUCED, USED, OR DISCLOSED IN WHOLE OR ANY PART TO ANYONE WITHOUT THE PERMISSION OF ALPHA RADIO PRODUCTS.

PROJECT NO. 8100
ENGINEER: G. HARDMANN DATE: 04/13/06
DRAWN BY: B. FOCKEN DRAFT DATE: 04/13/06
DRAWING FILE:
PADS POWERLOGIC DRAWING

ALPHA RADIO PRODUCTS LLC

TITLE: SCH,ALPHA 8100/99, HVPS

SIZE C | DRAWING # BCX-X416 | REV. 1.1

SCALE | SHEET 1 OF 1