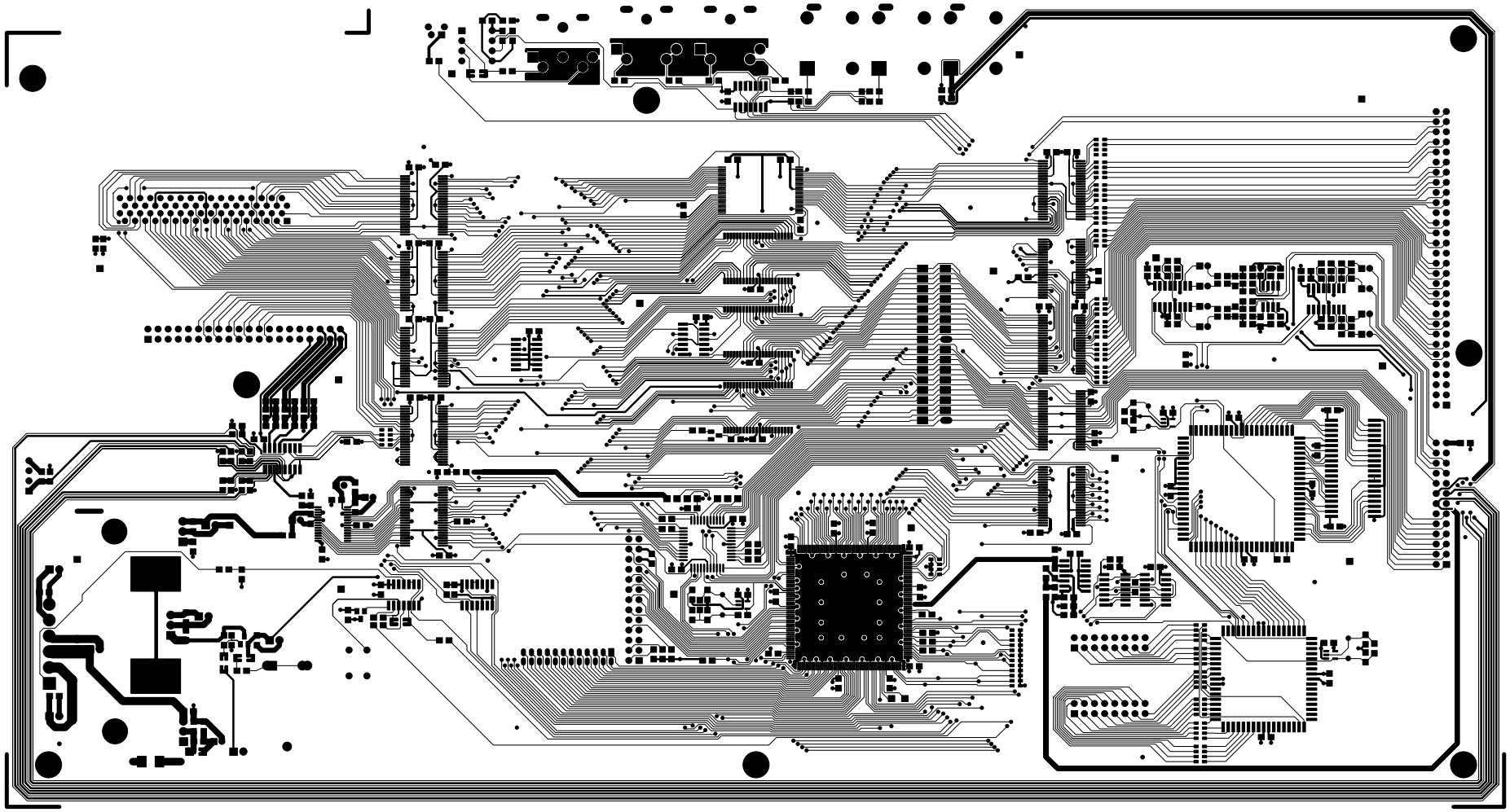
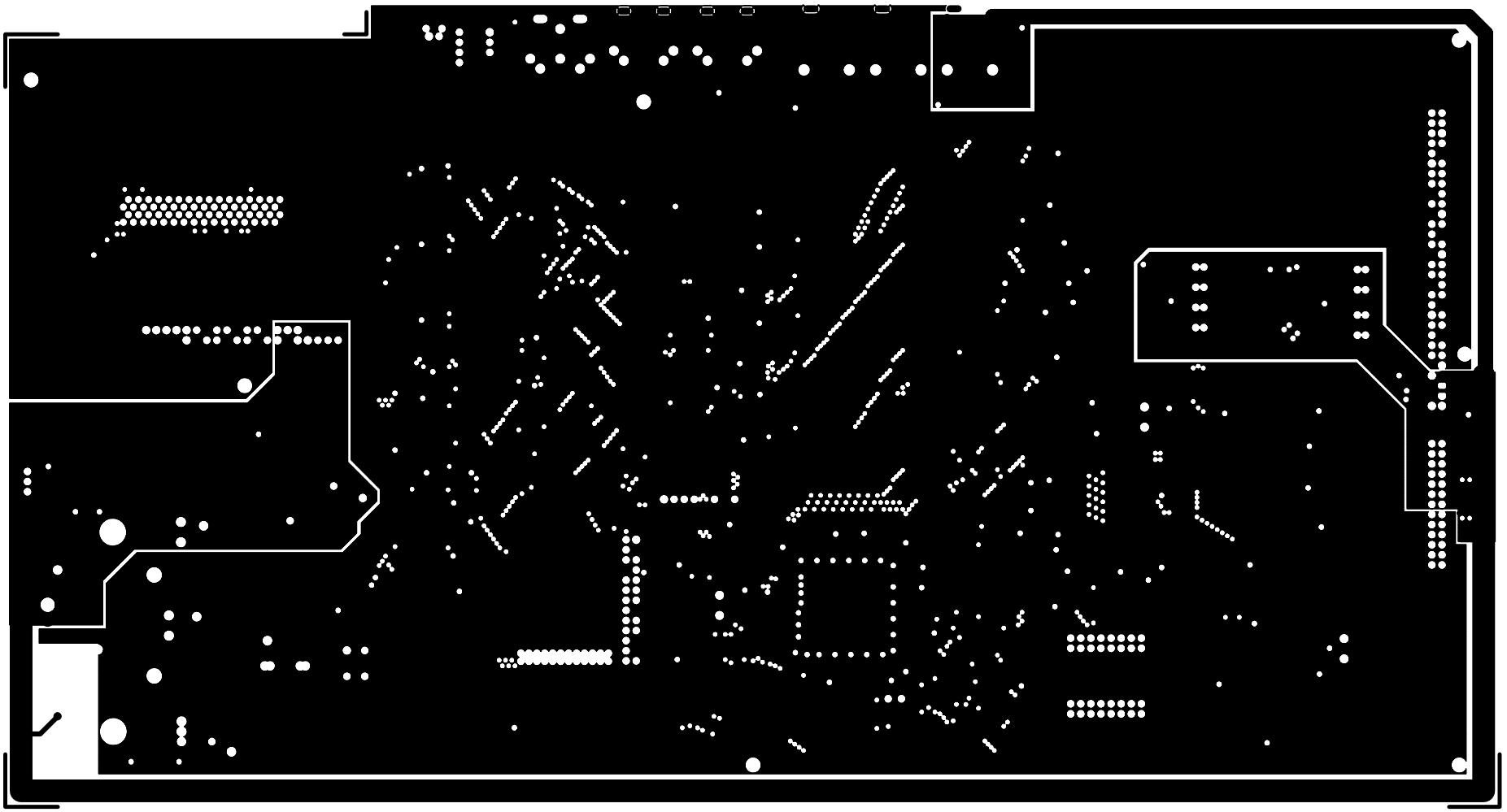
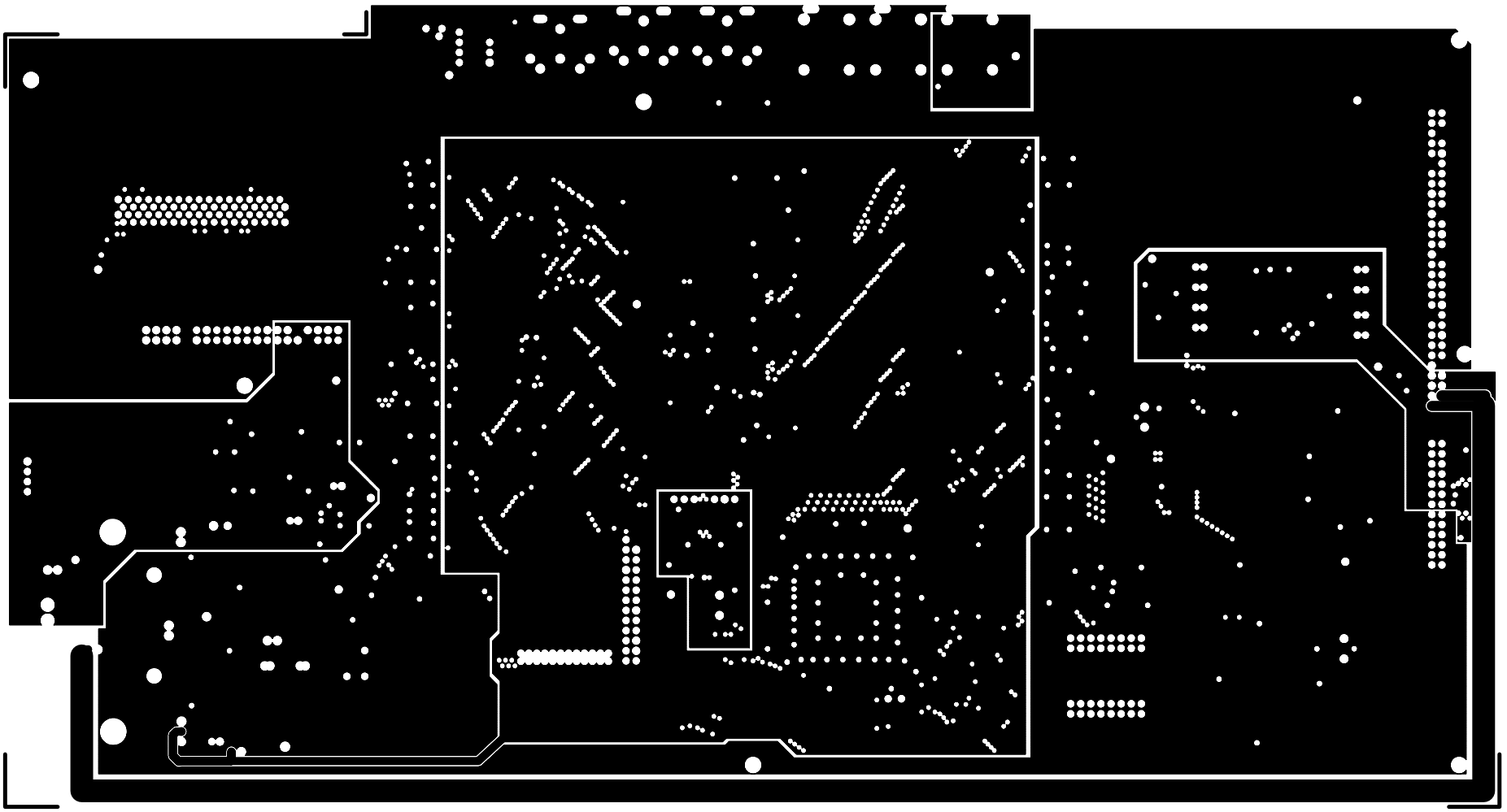


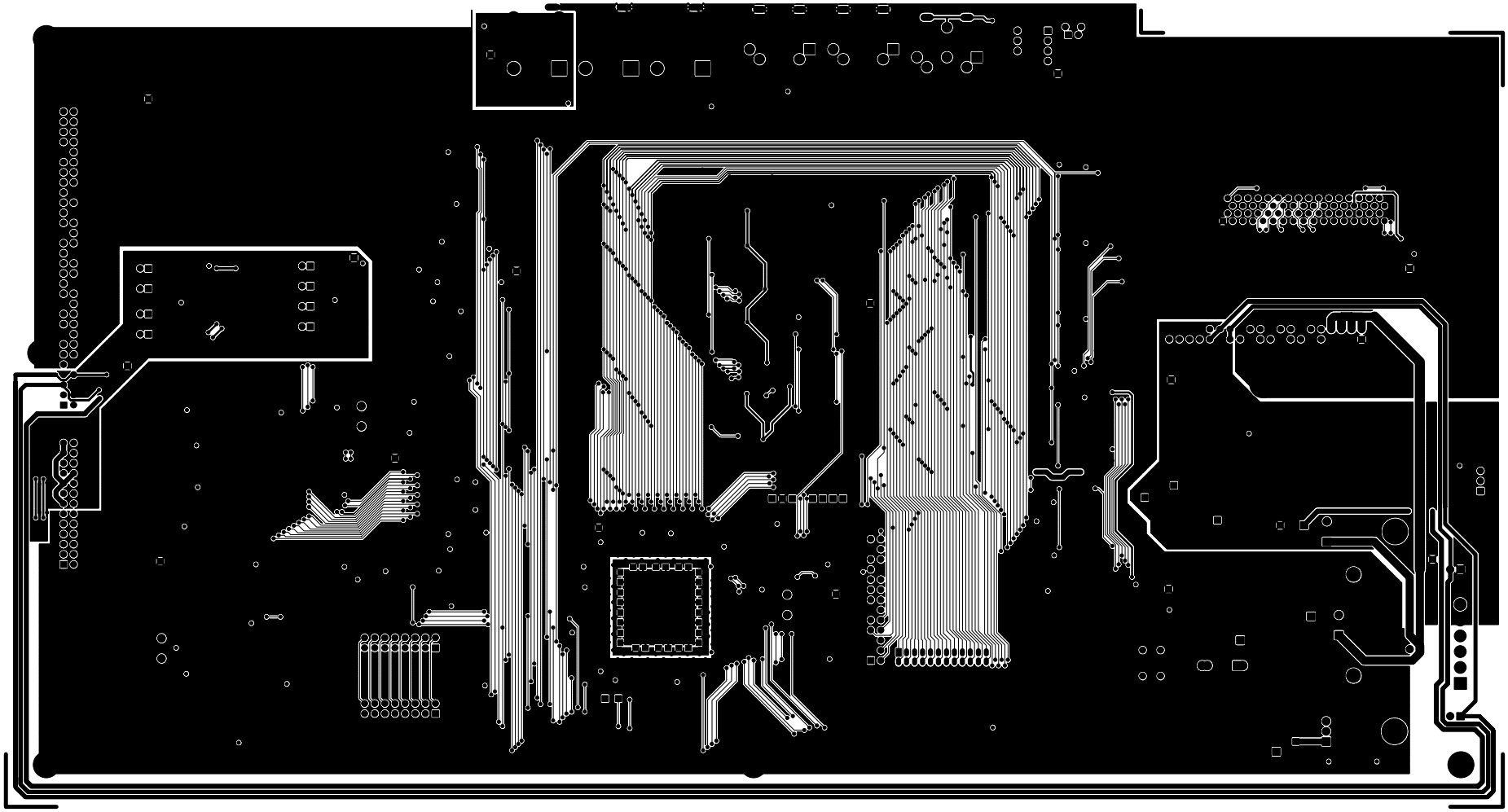
ALESIS 9-40-0193-C "TOPTRACE"



ALESIS 9-40-0193-C "GNDPLANE: LAYER 2"

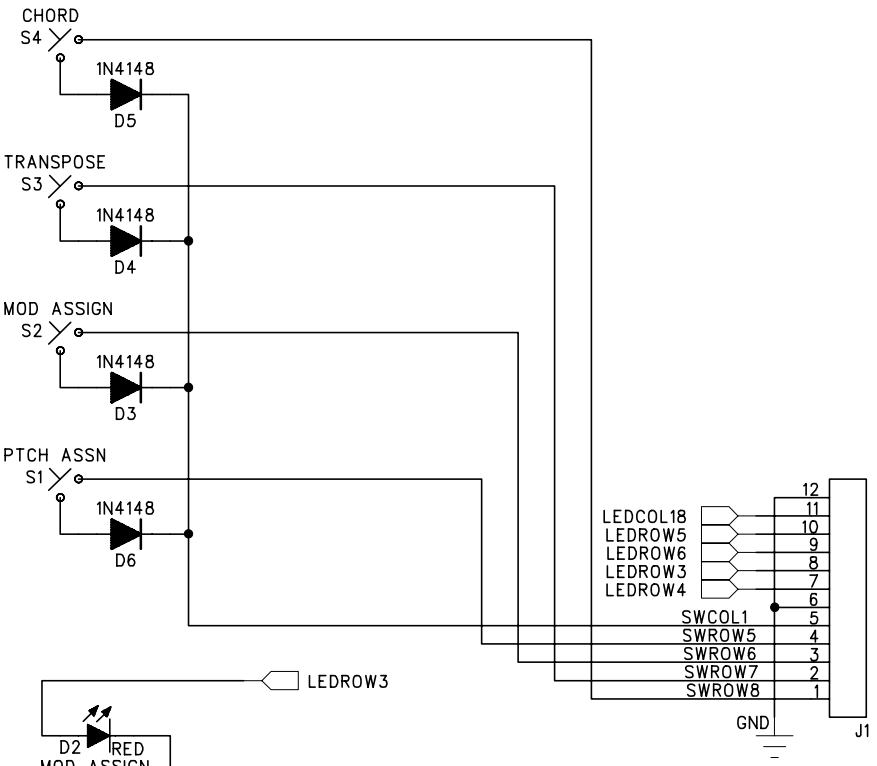


ALESIS 9-40-0193-C "PWRPLANE: LAYER 3"



ALESIS 9-40-0193-C "BOTTRACE"

REVISION RECORD			
LTR.	ECO NO:	APPROVED:	DATE:

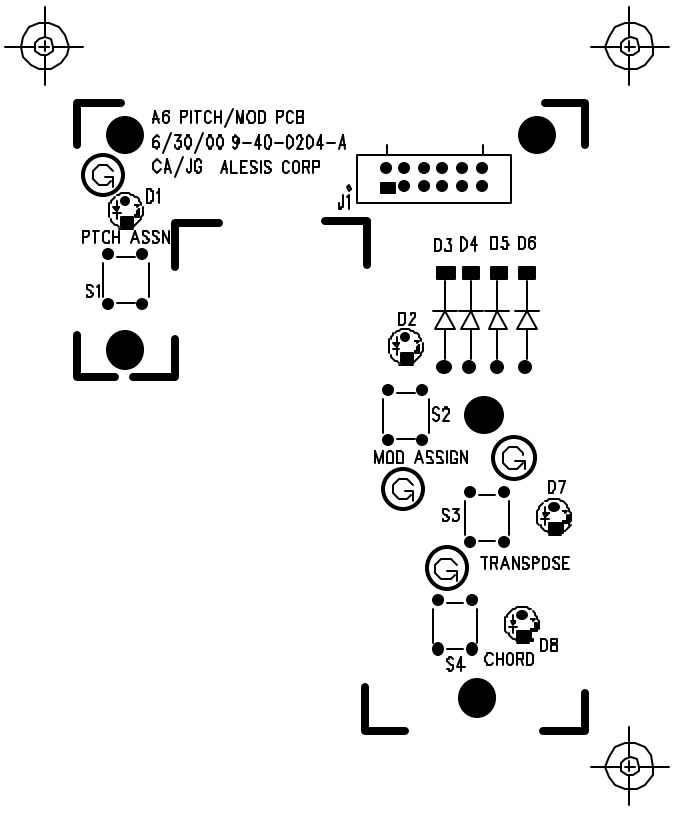


TO FRONT PANEL PCB

DRAWN: DONNY/CA/JG	DATED: 6/30/00	COMPANY: ALESIS	
RELEASED:	DATED:	TITLE: A6 P/M Board	
		PART NUMBER: 9-40-0204-A	REV: A
		ASSY NUMBER: 9-79-0204	
		FILENAME: A6PMA01A.SCH	SIZE: A
		SCALE:	SHEET: 1 OF 1

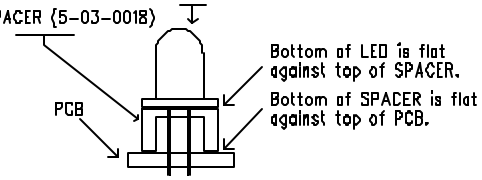
ALESIS ASSEMBLY DRAWING 9-79-0204-A

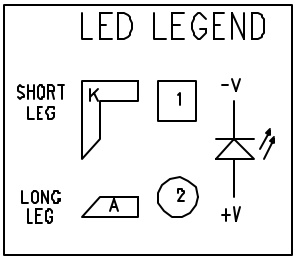
ALESIS 9-40-0204-A TOPSILK



1. Hand stuff all thru hole components on top (non-trace) side and make sure they are flush (flat) against the PCB. Diodes (2-00-4148) excluded.
2. All components are soldered on the bottom (trace) side
3. Hand solder the staked end of cable J1 (4-70-1205-B) and allow cable to roll off top of PCB.
4. Refer to drawings (see below) for assembling and inserting LEDs and spacers Insert LED with spacer flush against PCB
5. All LEDs are green (3-02-0021)
6. VERY IMPORTANT: SWITCHES (6-02-0050) AND LED ASSEMBLIES (SEE BELOW) MUST BE PERFECTLY FLUSH (FLAT) AGAINST THE PCB

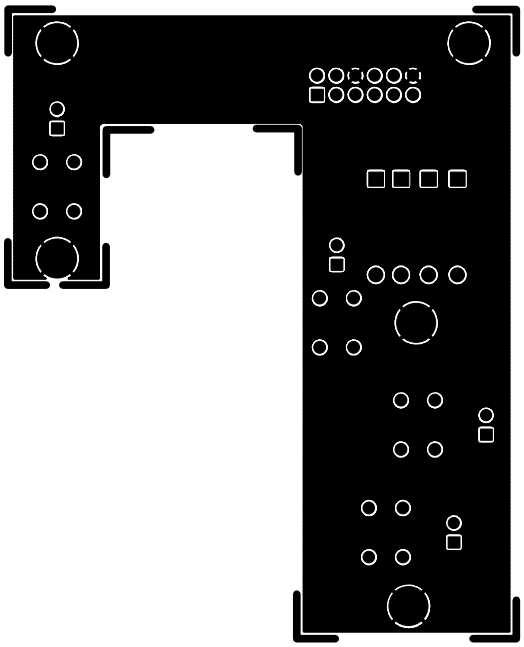
ASSEMBLY NOTE FOR PART # 3-02-0021.
Before soldering, place LED on top of SPACER (5-03-0018)





ALESIS 9-40-0204-A BOTTRACE

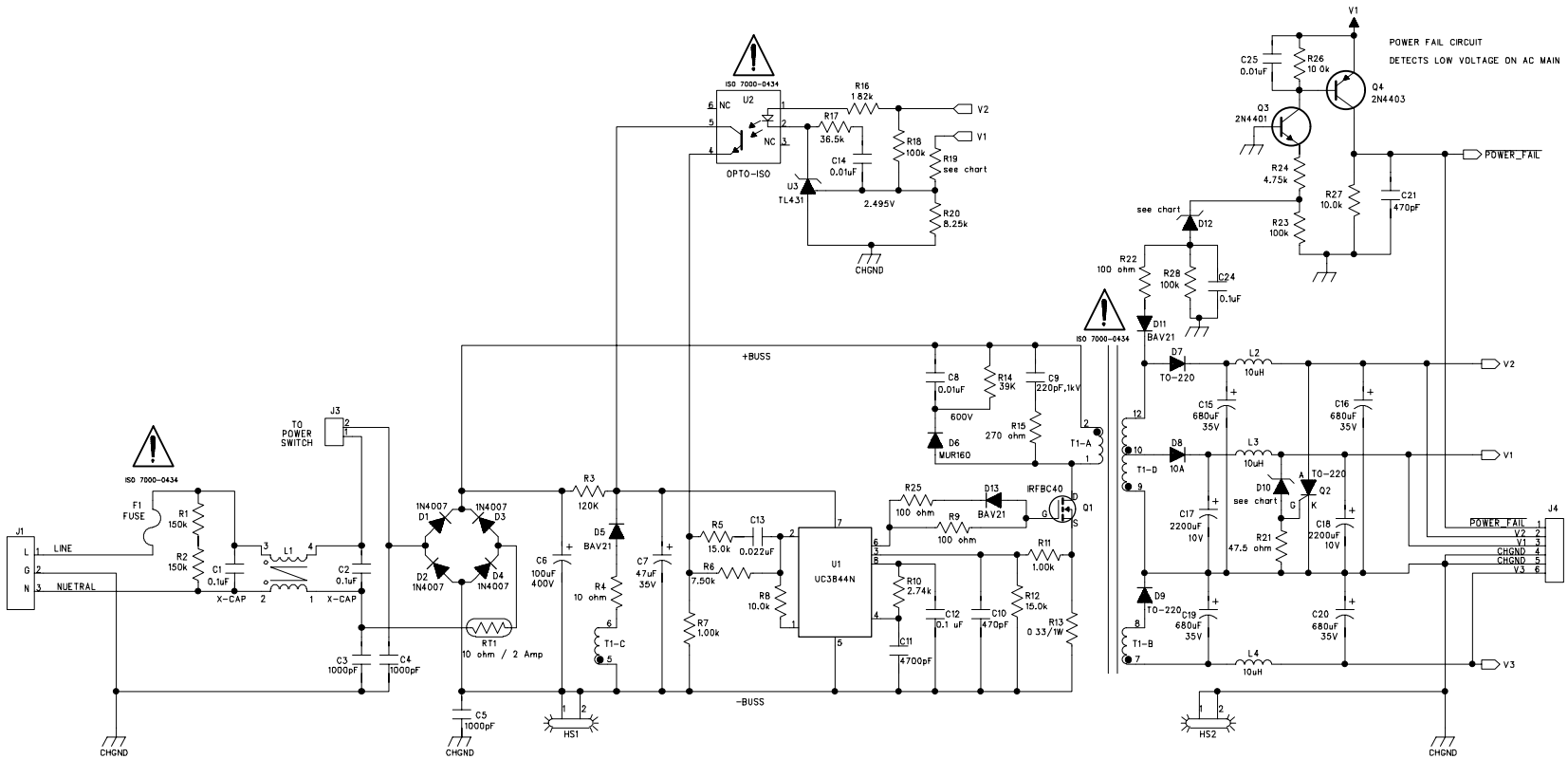
ALESIS 9-40-0204-A TOPTRACE



REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

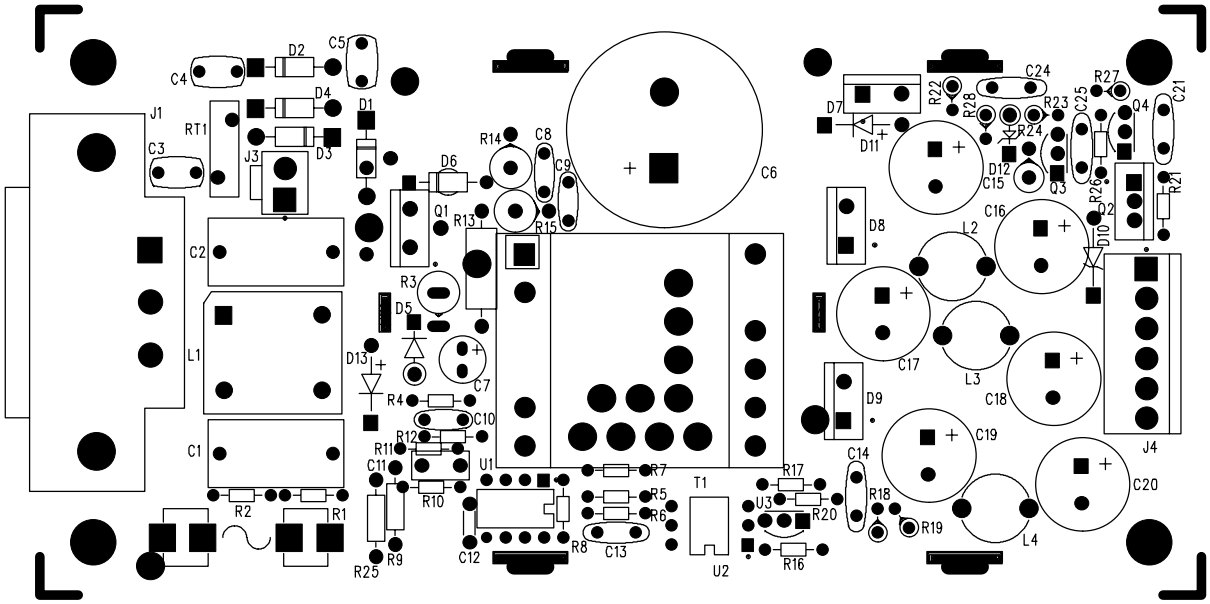
9-40-BA0* OUTPUT VOLTAGES:

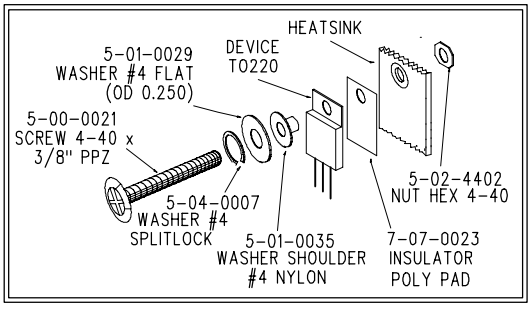
9-79-	V1	I1	V2	I2	V3	I3	R19	R25	D10	D12	T1	L1
BA01	+5	2.0	+12	1.8	-13	0.08	12k1	100	5V6	17V	7-40-0027	7-30-0022
BA02	+7	3.2	+15.5	0.40	-15.5	0.60	26k1	20	8V2	15V	7-40-0029	7-30-0011



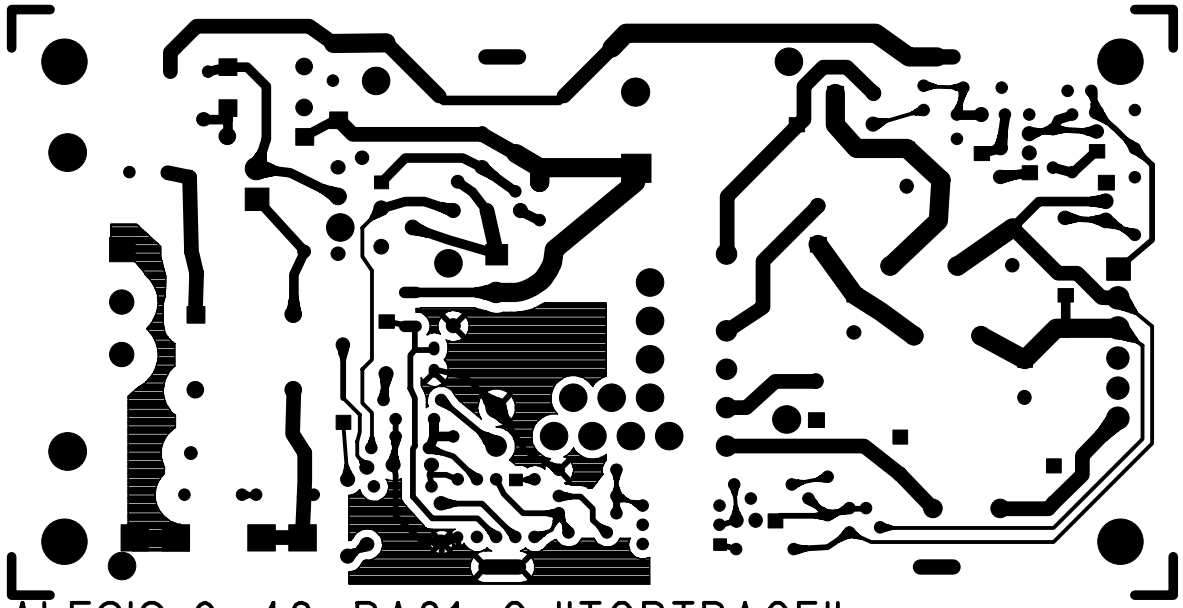
DRAWN: M-M	DATED: 11/2/01	COMPANY: ALESIS STUDIO ELECTRONICS, INC.	
RELEASED:	DATED:	TITLE: BA SWITCH-MODE POWER SUPPLY	
		PART NUMBER: 9-40-BA01-G	REV: G
		ASSY NUMBER: 9-79-BA01	
		FILENAME: BAMNG03A.SCH	SIZE: C
		SCALE:	SHEET: 1 OF 1

ALESIS 9-79-BA01-G "TOP ASSY"

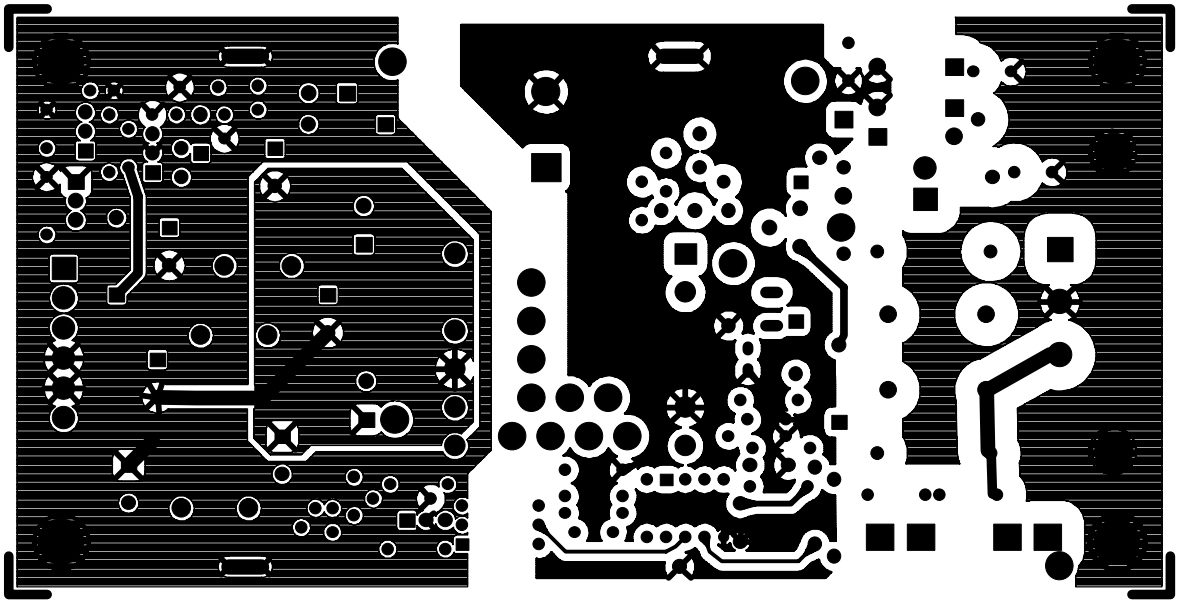




1. Before inserting components:
   Write the assembly number and revision onto silkscreened blocks on the PCB using a fine-tipped permanent black marker,
2. Before Wave Soldering:
   A. Glue the following parts to the top surface of the pcb with a VERY SMALL amount of Cyanoacrylate (Krazy Glue). Do not allow the glue to touch any solderable surfaces such as through-holes. Apply the glue in a thin line following the silkscreen outline of the caps. A fine-tipped applicator is recommended.
   C1-2, C6, C15-20 (9 caps) , fuse clips and both heatsinks
   B. Attach J1 to the pcb with screws (5-02-0036) and kep nuts (5-02-6238) for precision placement before soldering.
   C. Attach Q1 and D7-9 to heatsink, as per drawing above right, before assembling heatsink to pcb
3. After Wave Soldering:
   A. Apply RTV Silicon to the following components: C16-L2-Q2 and C18-19-20-L3-L4
   B. Attach all applicable stickers.
   Sticker 7-52-0002 to be placed on top of C6.



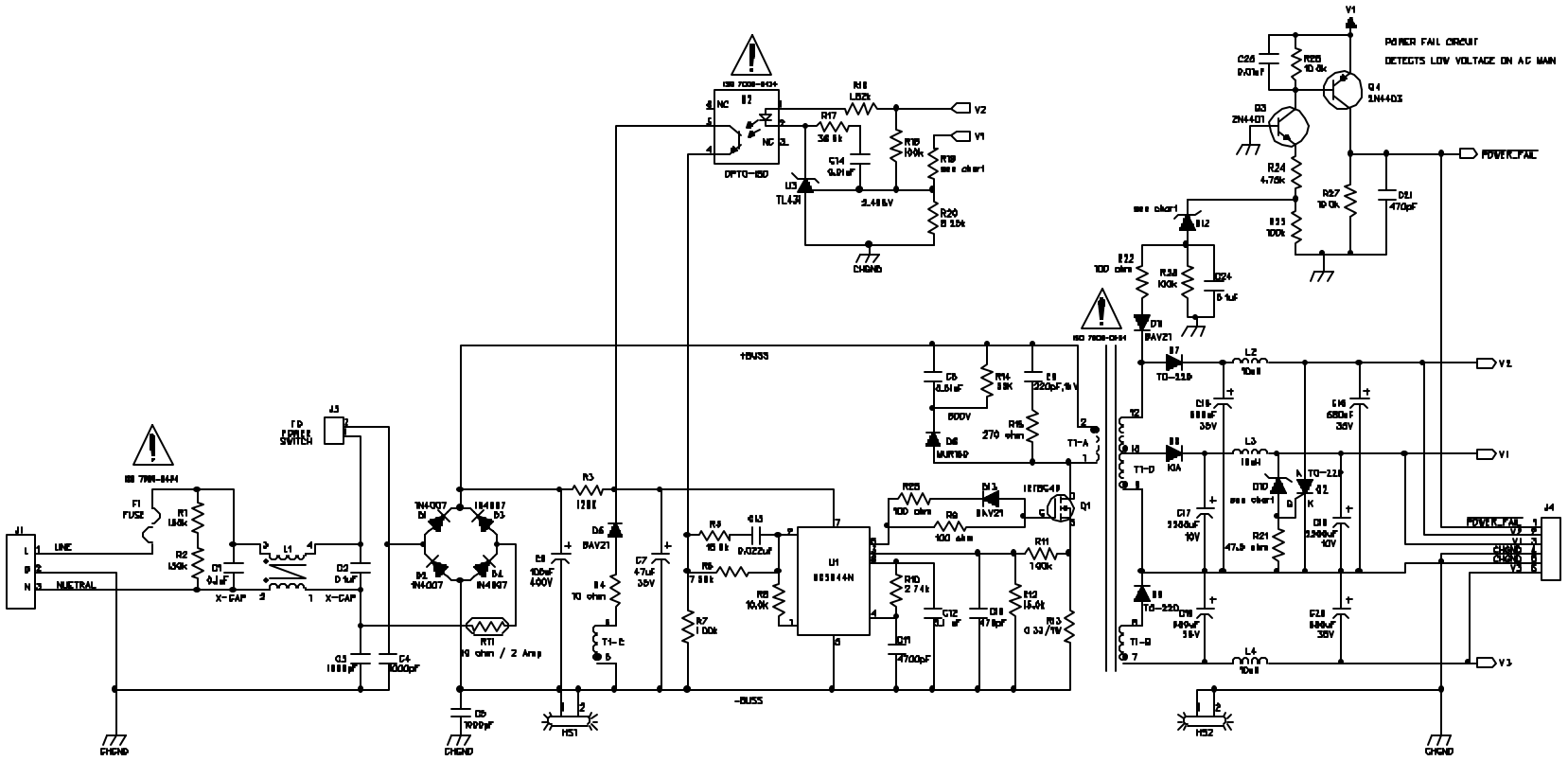
ALESIS 9-40-BA01-G "TOPTRACE"



ALESIS 9-40-BA01-G "BOTTRACE"

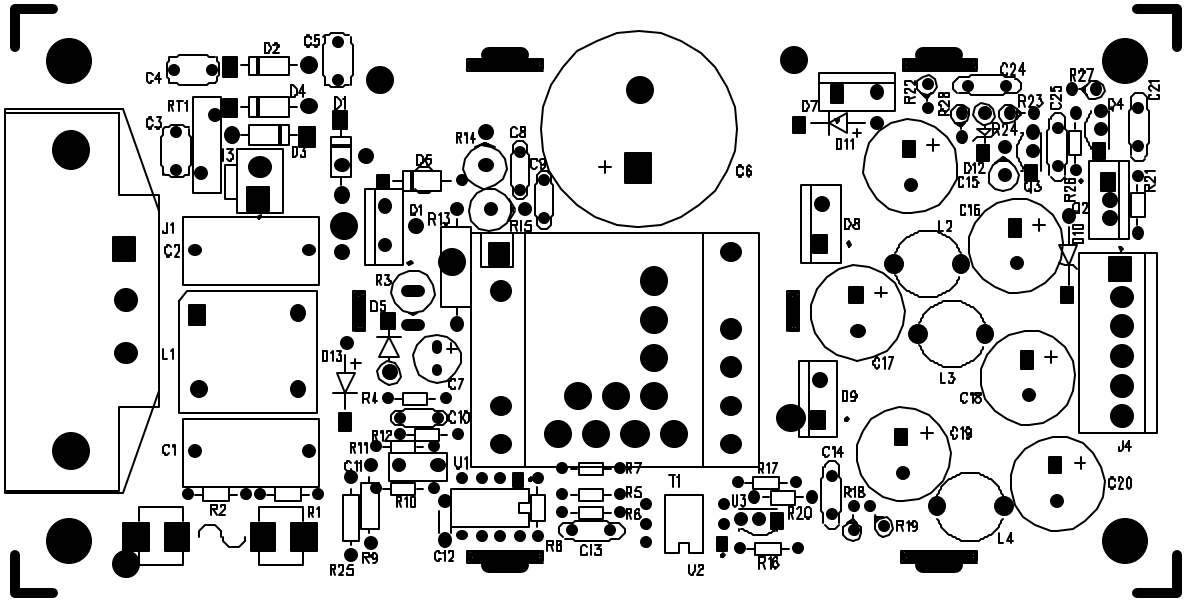
9-40-BA0* OUTPUT VOLTAGES												
9-79-	V1	I1	V2	I2	V3	I3	R19	R25	D1D	D12	T1	L1
BA01	+5	2 0	+12	1 8	-13	0 05	12k1	10D	8V6	17V	7-40-0027	7-30-0022
BA02	+7	3 2	+15 5	0 40	-15 5	0 60	26k1	20	8V2	15V	7-40-0028	7-30-0011

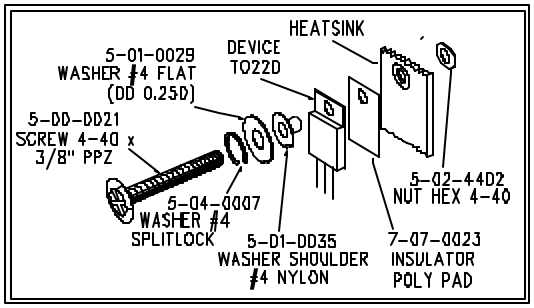
REVISION RECORD			
LTR	ECO NO	APPROVED	DATE



COMPANY	ALESIS STUDIO ELECTRONICS, INC.		
TITLE	BA SWITCH-MODE POWER SUPPLY		
PART NUMBER	9-40-BA01-H	REV	H
ASSY NUMBER	9-79-BA01		
FILENAME	BAMNH00A.SCH	SIZE	C
SCALE		SHEET 1 OF 1	
DRAWN	M-M	DATED	1/08/02
RELEASED		DATED	

ALESIS 9-79-BA01-H "TOP ASSY"





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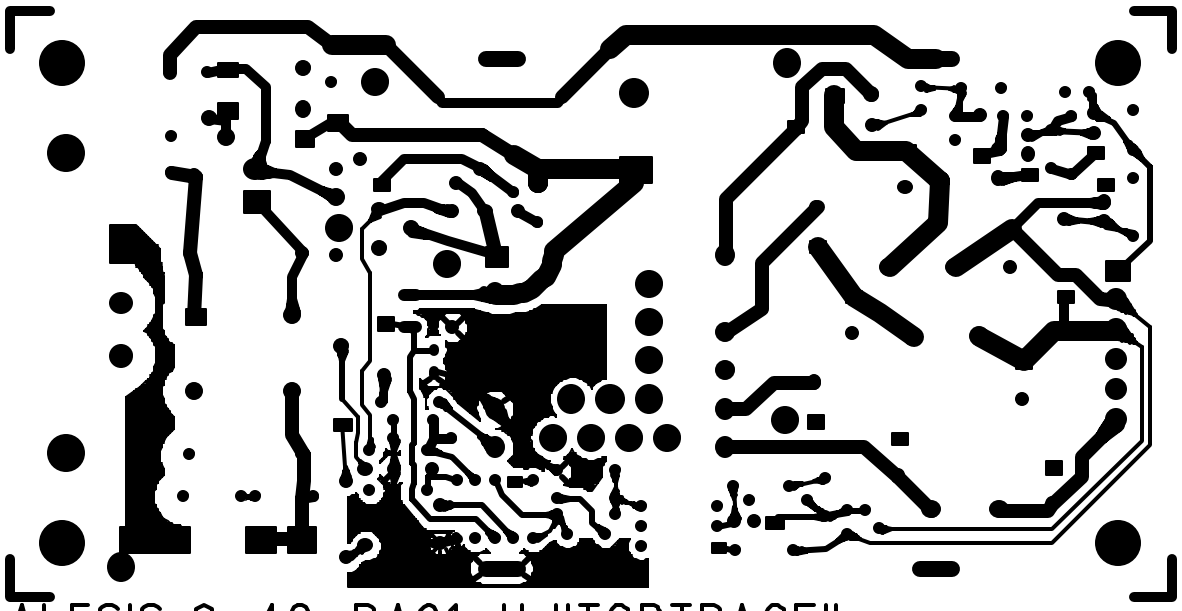

ALESIS 9-40-BA01-H "TOPTRACE"