DWG. NO.	SHT	REV:
990-180-00	1	B

ECO#	REV:	DESCRIPTION	REV. BY:	APP. BY:	DATE
2716	B	LOCAL FIDUCIALS ADDED TO U3, U7, U14. TOOLING HOLE LOCATIONS PLACED BACK ON BOARD FOR TEST FIXTURE.	JJI		

PROPRIETARY

U7

U12 ADM705

U2 74AC138

U4 74AC138

U5 401001-32

U13 74HCT574SMD

U9 74HCT574SMD

U11 DS2401

X1 315006 20 MHZ

T1 600050

U8-A STS5DNE30L

U8-B STS5DNE30L

Q1 IMBTA56

D4 DL4002

D1 RED

D2 YEL

706-033-11 STDF SWAGE NO.4 X .380L F

450-180-00 PCB BRAIN HDR

080-174-00 SA EPROM PRGMD PCB180-HDR

POWER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS: ±NA DECIMALS: .XX ±.01 .XXX ±.005 ANGLES: ±NA	APPROVALS	DATE
	DRAWN: JJI	4-17-00
	CHECKED:	
MATERIAL: SEE NOTES	NP ENG:	
	MATERIAL:	
FINISH: SEE NOTES	MFG:	
	MFG ENG:	
DO NOT SCALE DRAWING	ISSUED:	

MACKIE.
Mackie Designs Inc. Woodinville, Wa.

SCHEMATIC, HDR24/96: BRAIN

SIZE	SCALE:	DWG. NO.	REV.
D	NONE	990-180-00	B

DWG FILE: SHEET 1 OF 2

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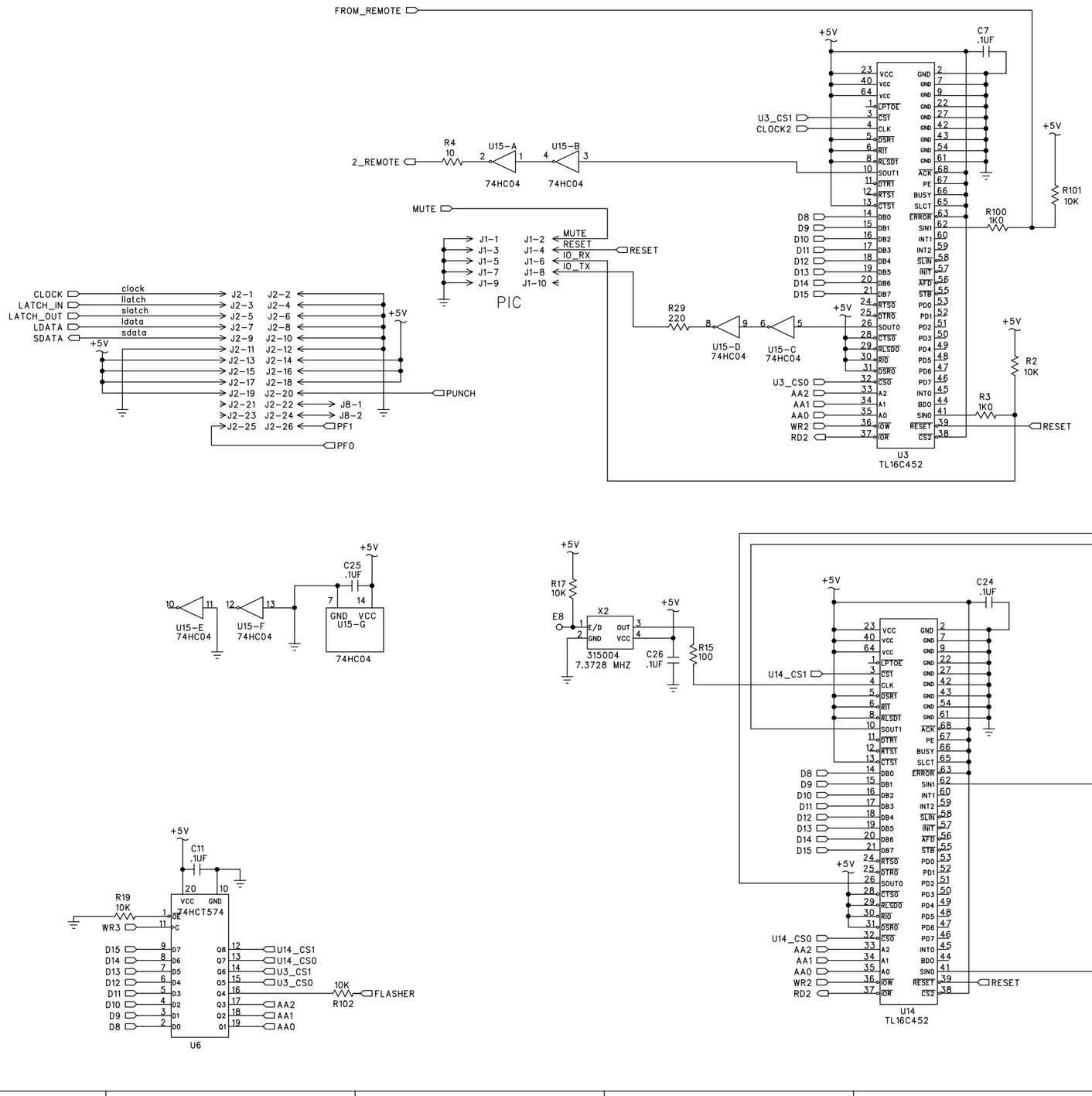

MACKIE.

Mackie Designs Inc. Woodinville, Wa.

SCHEMATIC, HDR24/96: BRAIN

SIZE	SCALE:	DWG. NO.	REV.
D	NONE	990-180-00	B
DWG FILE:		SHEET 2 OF 2	

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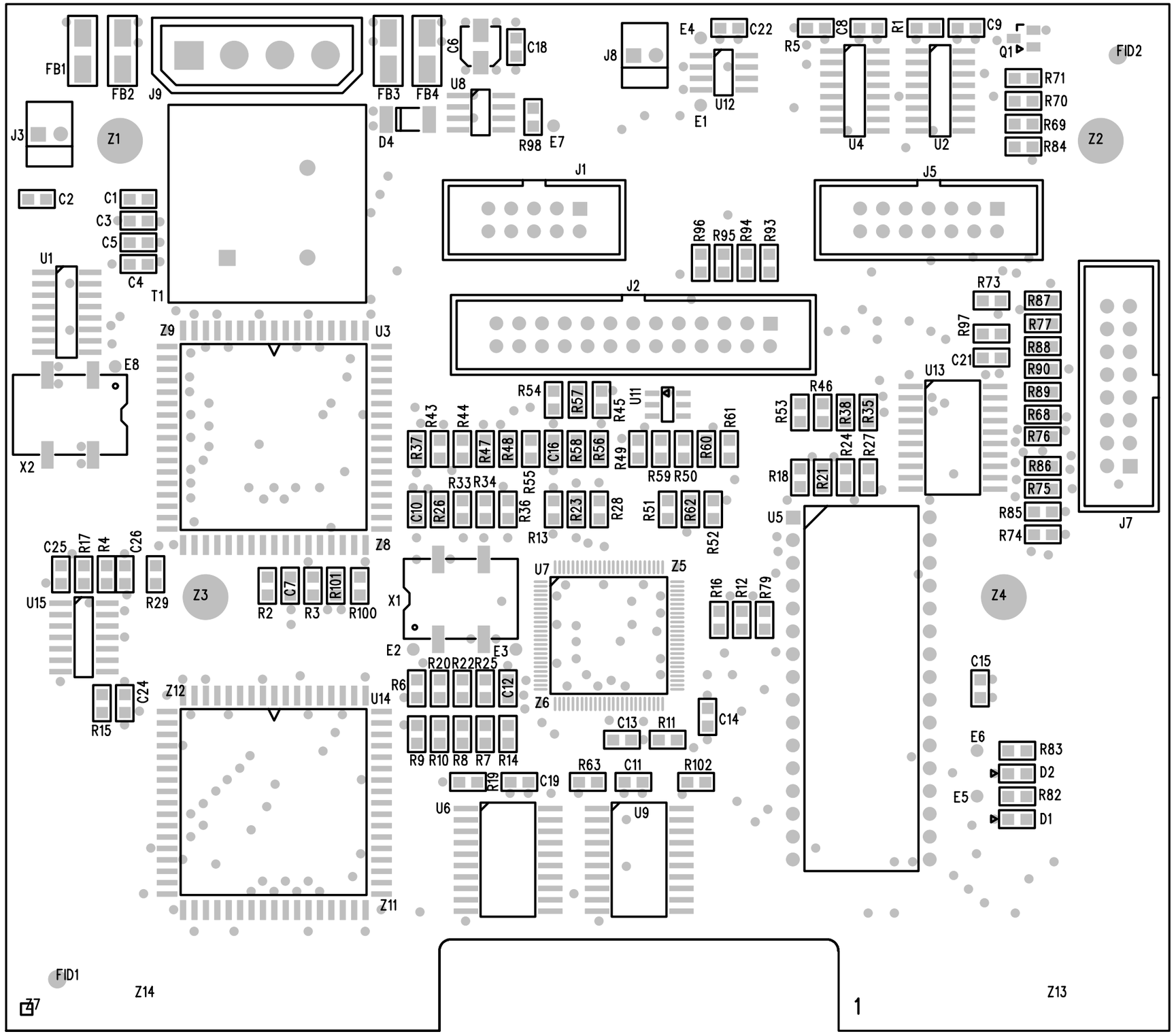
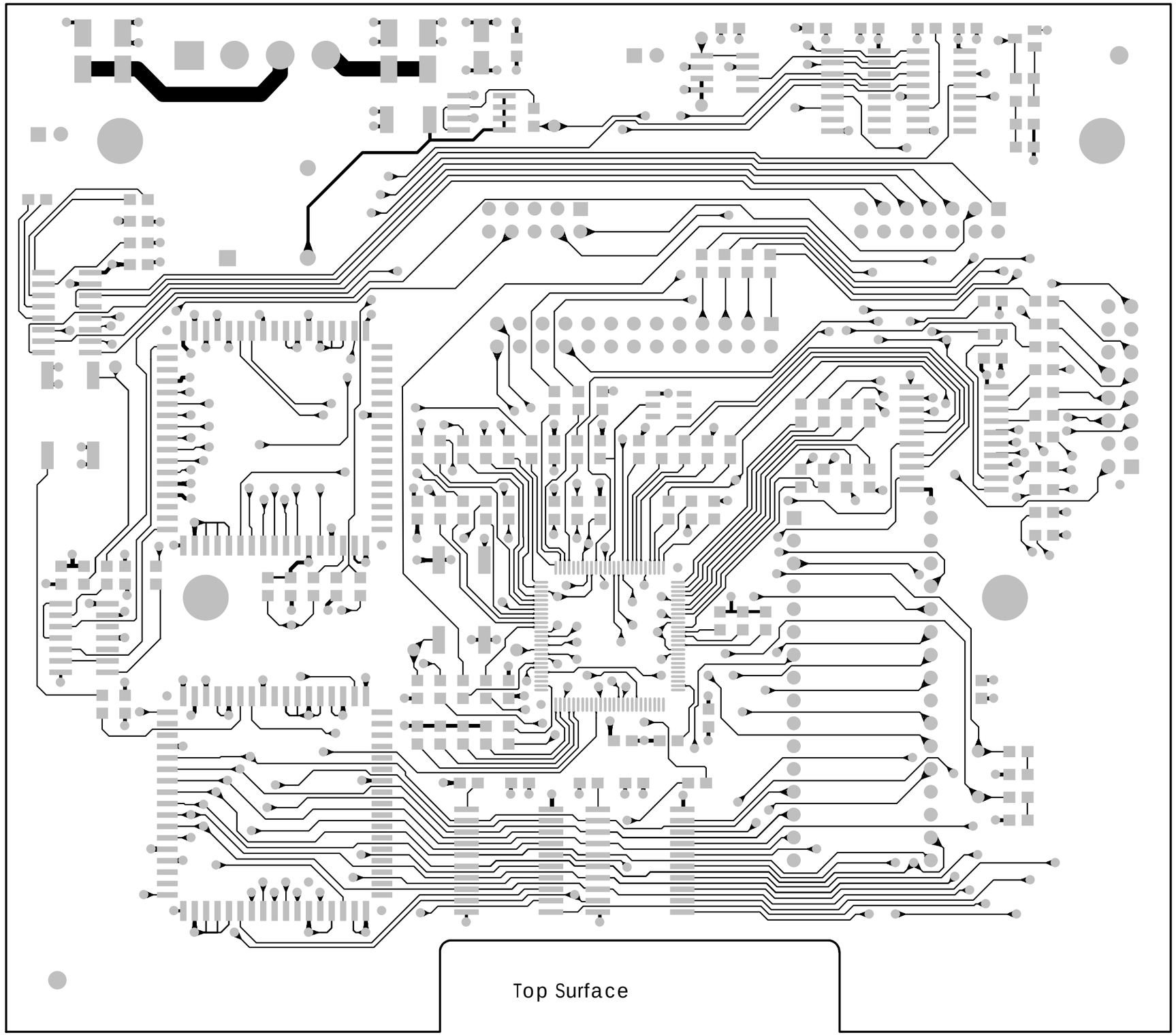
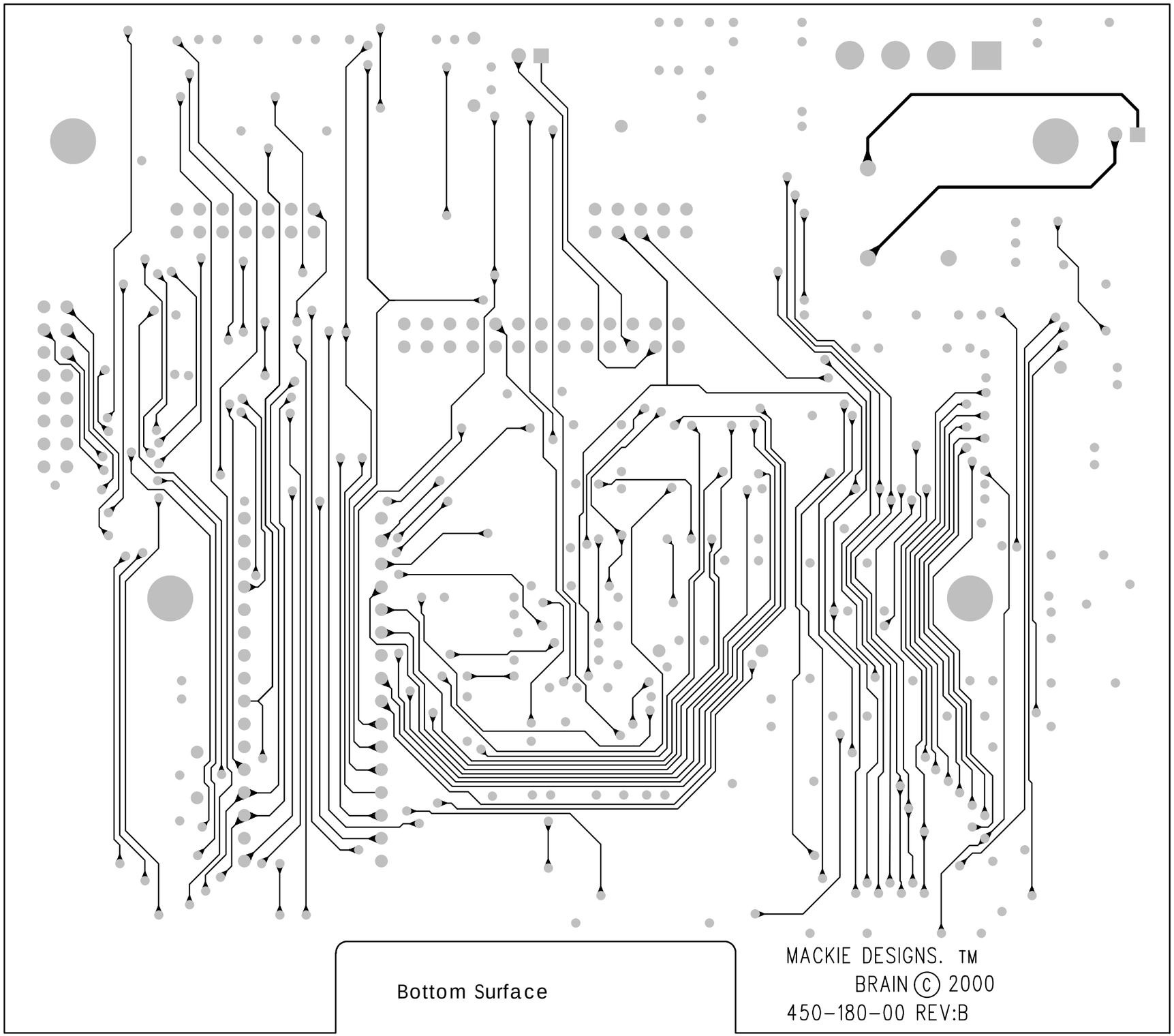

FB1
FB2
J9
FB3
FB4
C6
C18
U8
J8
E4
C22
U12
E1
C8
R1
C9
R5
U4
U2
Q1
FID2
R71
R70
R69
R84
Z2
J3
Z1
D4
R98
E7
J1
J5
C2
C1
C3
C5
C4
U1
T1
R96
R95
R94
R93
J2
R73
R97
C21
R87
R77
R88
R90
R89
R68
R76
R86
R75
R85
R74
J7
Z9
U3
E8
X2
R54
R57
R45
U11
R46
R53
R38
R35
R43
R44
R37
R47
R48
C16
R58
R56
R49
R59
R50
R60
R61
U13
R24
R27
R18
R21
R33
R34
C10
R26
R55
R36
R13
R23
R28
R51
R62
R52
U5
Z8
C25
R17
R4
C26
R29
U15
Z3
R2
C7
R3
R101
R100
X1
U7
Z5
R16
R12
R79
Z4
E2
E3
R20
R22
R25
R6
C12
Z6
C15
Z12
U14
C24
R15
C13
R11
C14
E6
R83
D2
R82
D1
E5
R9
R10
R8
R7
R14
R63
C11
R102
R19
C19
U6
U9
Z11
FID1
Z14
Z7
1
Z13

HDR HOME


Top Surface



Bottom Surface