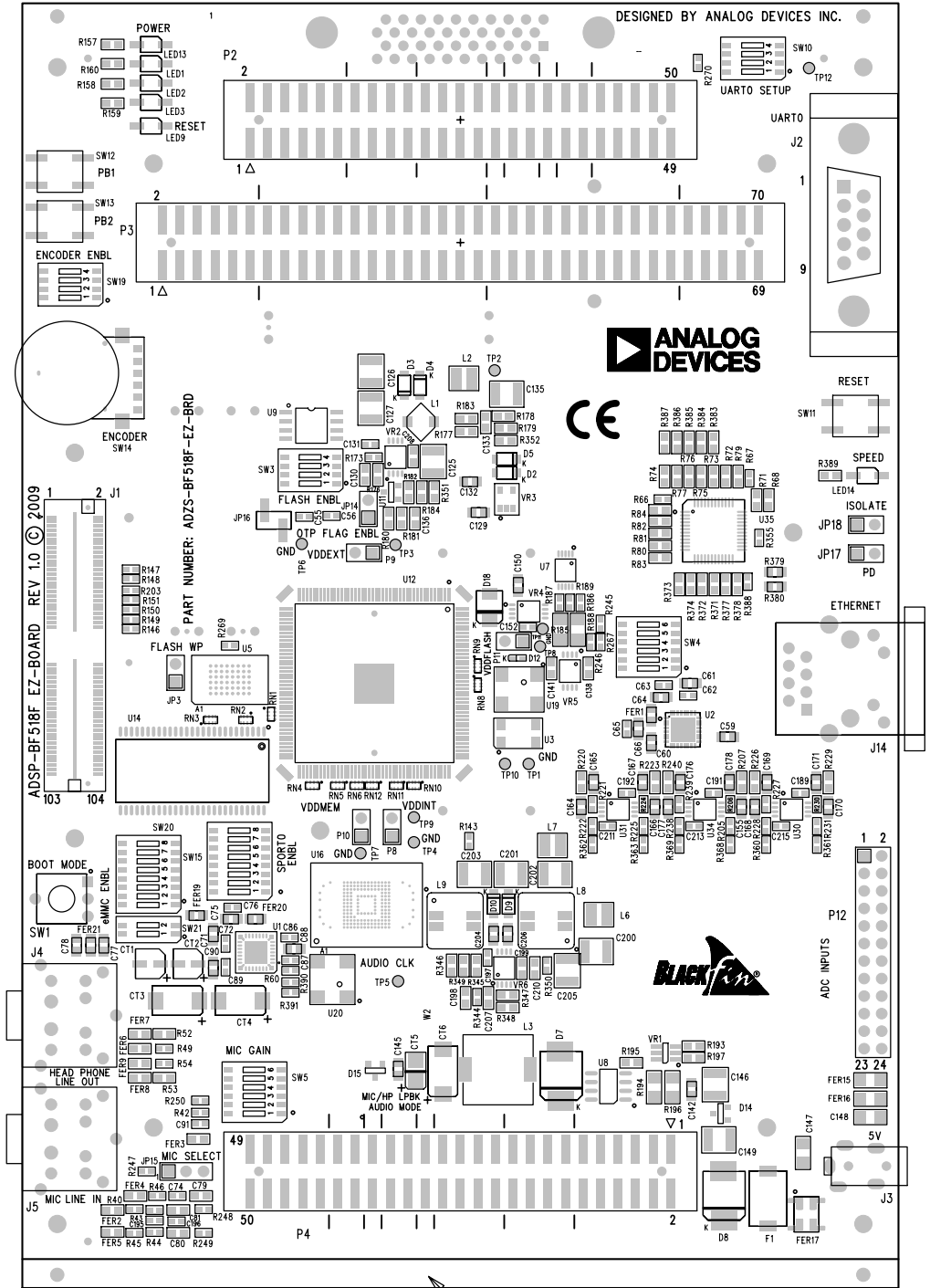


REVISIONS				
REV	DESCRIPTION OF CHANGE	DRFTR	DATE	APPROVED
0.1	NEW RELEASE		09/02/08	
0.2	ECO2008-089		11/26/08	
1.0	ECO2009-004		04/23/09	



REFERENCE DESIGNATIONS	
LAST USED	NOT USED
C225	C92-114,128,134
CT6	
D18	D6
F1	
FER21	FER10-14,18
J15	J6-11
JP18	JP1,2,4-13
L9	L4,5
LED14	LED4-8,10-12
P13	
R391	R2,22-25,27-39,55-58,61-65,70,78,85-139,170-172,174,175,251-266,271-312,315-324,326-243,353,354
RN21	
SW23	SW6-9,16,17,18
TP12	
U35	U4,15,17,18,27,28
VR6	
ZH11	ZH1-6,9
ZP1	
ZU1	
ZW1	

- NOTES:
1. MASK HOLES FOR TP1-TP12 BEFORE SOLDERING.
  2. BREAK OFF STRIPS AT COMPLETION OF ASSEMBLY.
  3. MASK SMT PADS FOR P5, P6, P7 BEFORE SOLDERING.
  4. CUT PIN 3 OF P1.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655
	APPROVALS	DATE	
MATERIAL	DRAWN EASTERN CIRCUITS	04/23/09	ASSEMBLY DRAWING TOP SIDE ADSP-BF518F EZ-BOARD
	CHECKED		
FINISH	ENGINEERING		SIZE B DWG. NO. ASSMAA0217-2008 REV. 1.0
	QUALITY		
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1 SHEET 1 OF 2





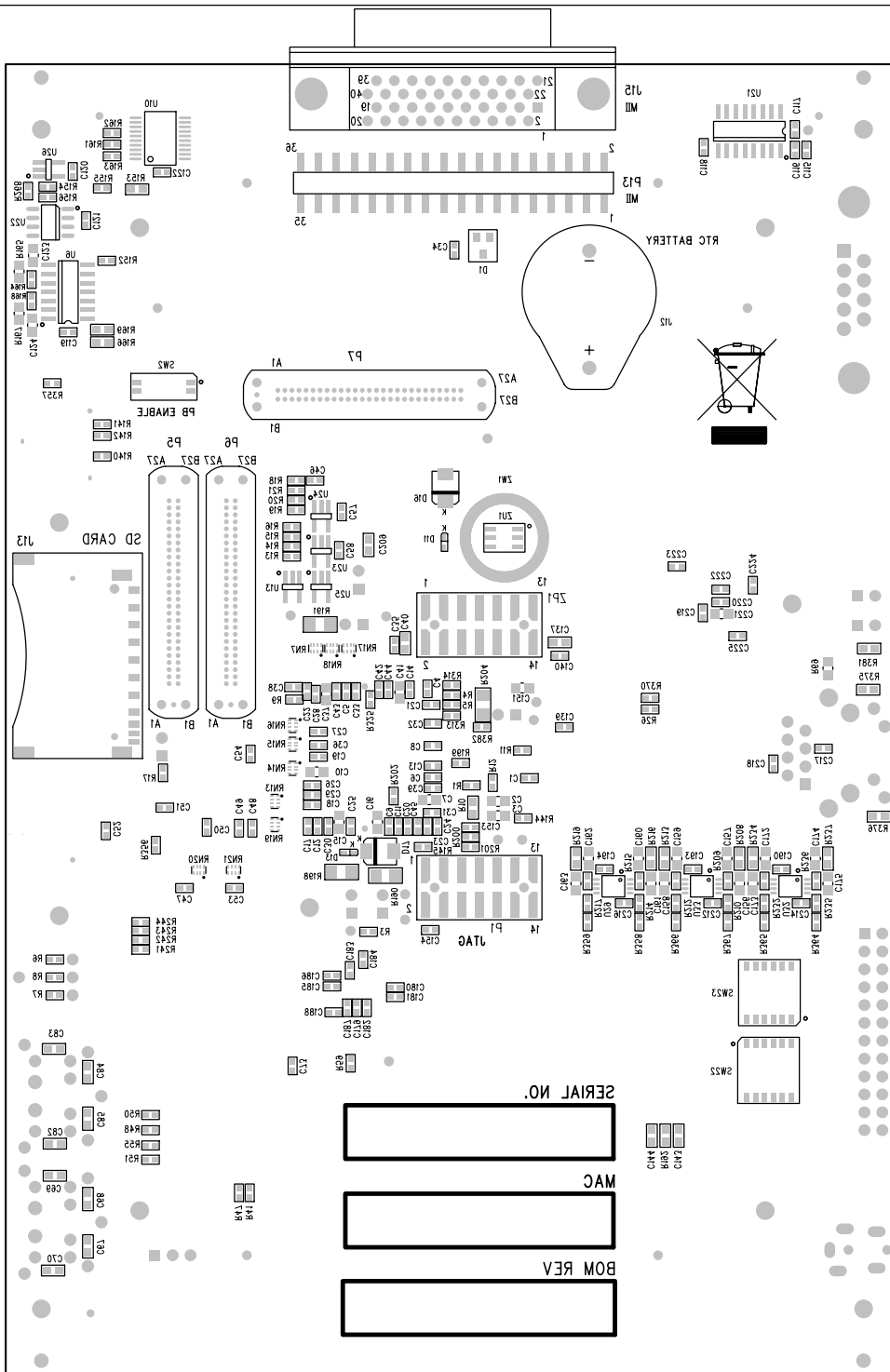
DESIGNED BY ANALOG DEVICES INC.




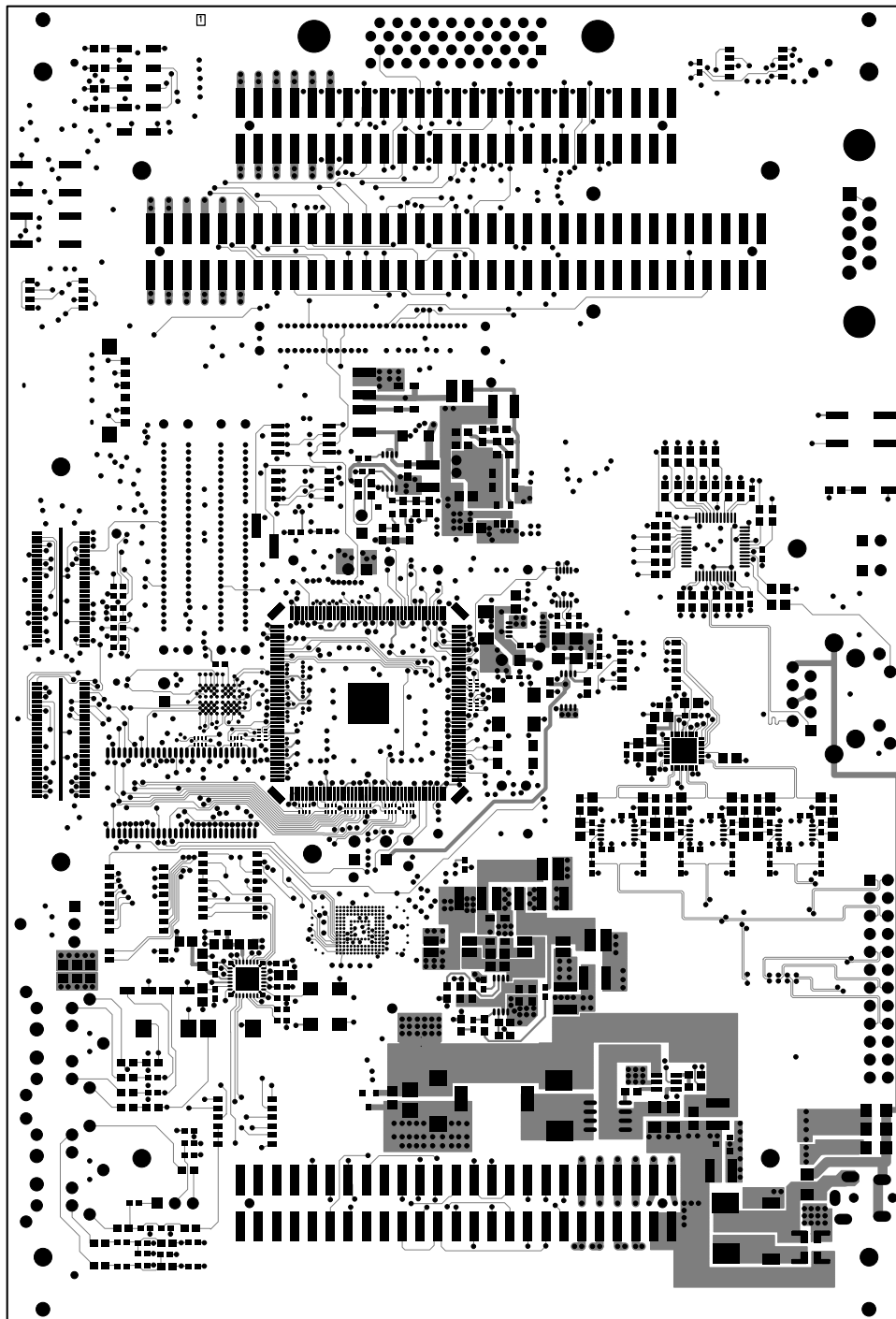
PART NUMBER: ADSP-BF518F-EZ-BRD


ADSP-BF518F EZ-BOARD REV 1.0 © 2009

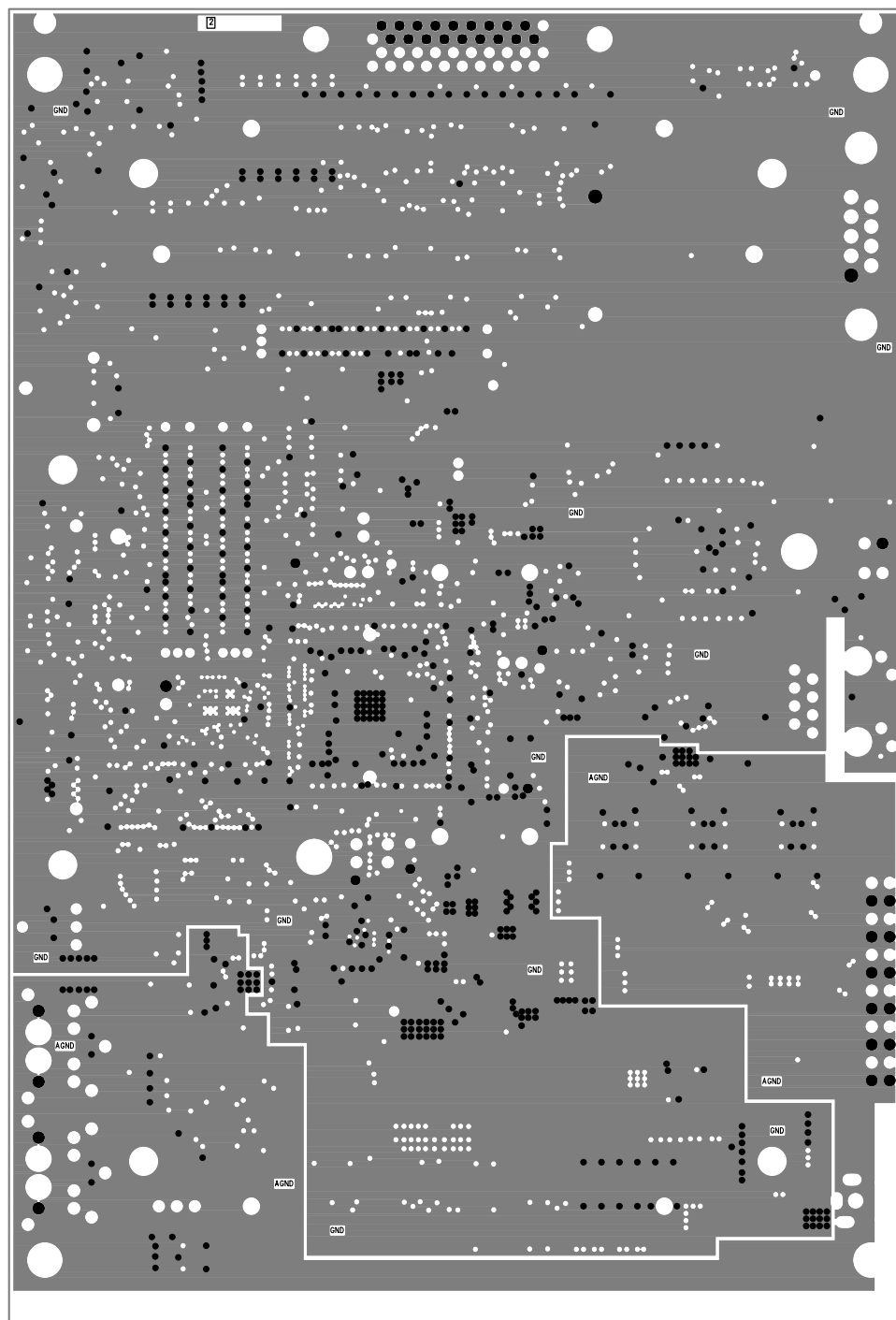
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655
	APPROVALS	DATE	
MATERIAL	DRAWN EASTERN CIRCUITS	04/23/09	SILKSCREEN TOP SIDE ADSP-BF518F EZ-BOARD
FINISH	ENGINEERING		
DO NOT SCALE THIS DRAWING	QUALITY		SIZE B DWG. NO. A0217-2008 REV. 1.0
	MANUFACTURING		SCALE 1 : 1 SHEET 13 OF 16




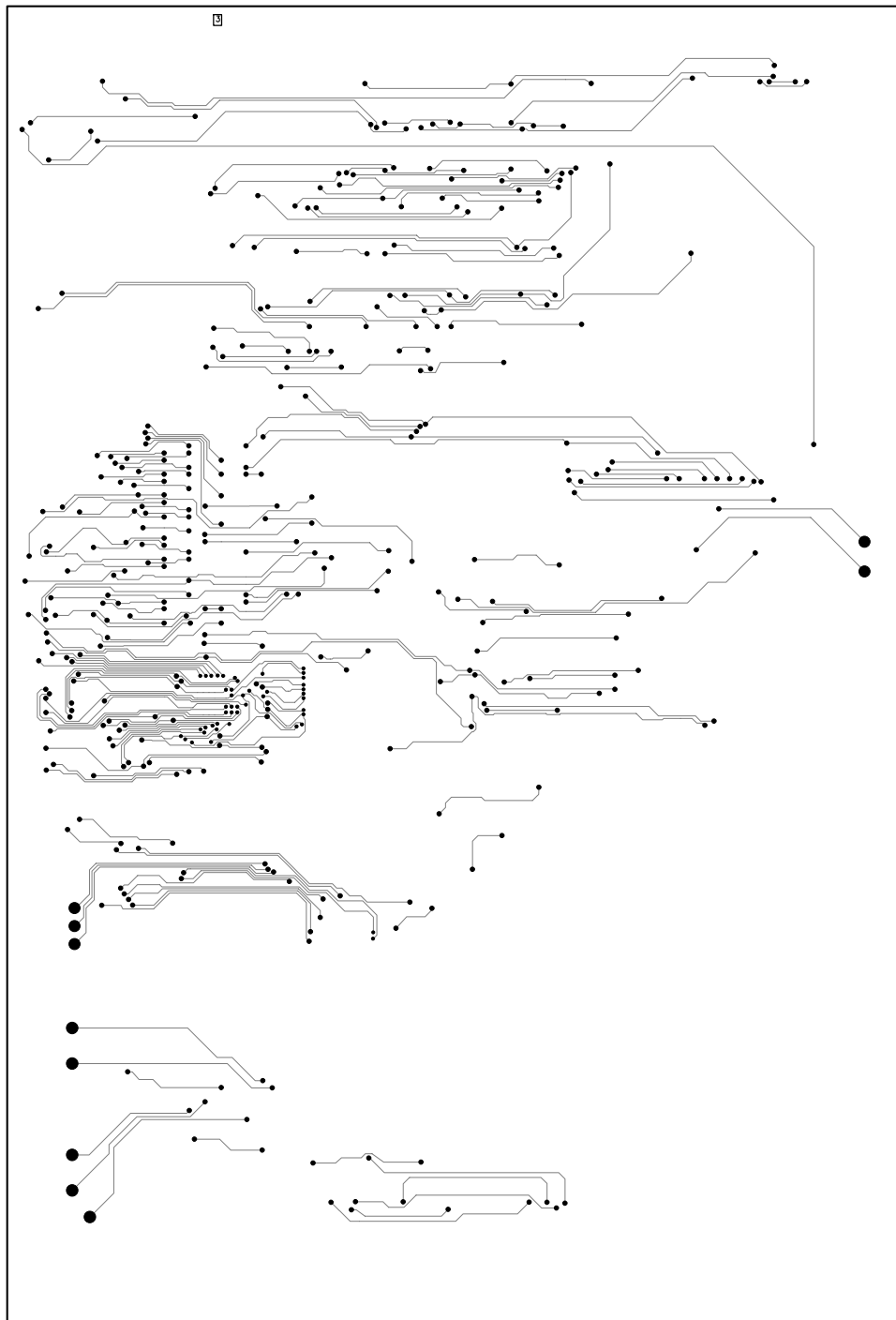
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655
	APPROVALS	DATE	
MATERIAL	DRAWN EASTERN CIRCUITS	04/23/09	SILKSCREEN BOTTOM SIDE ADSP-BF518F EZ-BOARD
FINISH	ENGINEERING		
DO NOT SCALE THIS DRAWING	MANUFACTURING		SIZE B DWG. NO. A0217-2008 SCALE 1 : 1 SHEET 14 OF 16




UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655	
	APPROVALS	DATE		
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	LAYER 1 TOP SIDE ADSP-BF518F EZ-BOARD	
	CHECKED			
FINISH	ENGINEERING		SIZE B	DWG. NO. A0217-2008
	QUALITY			
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1	REV. 1.0
			SHEET 1 OF 16	

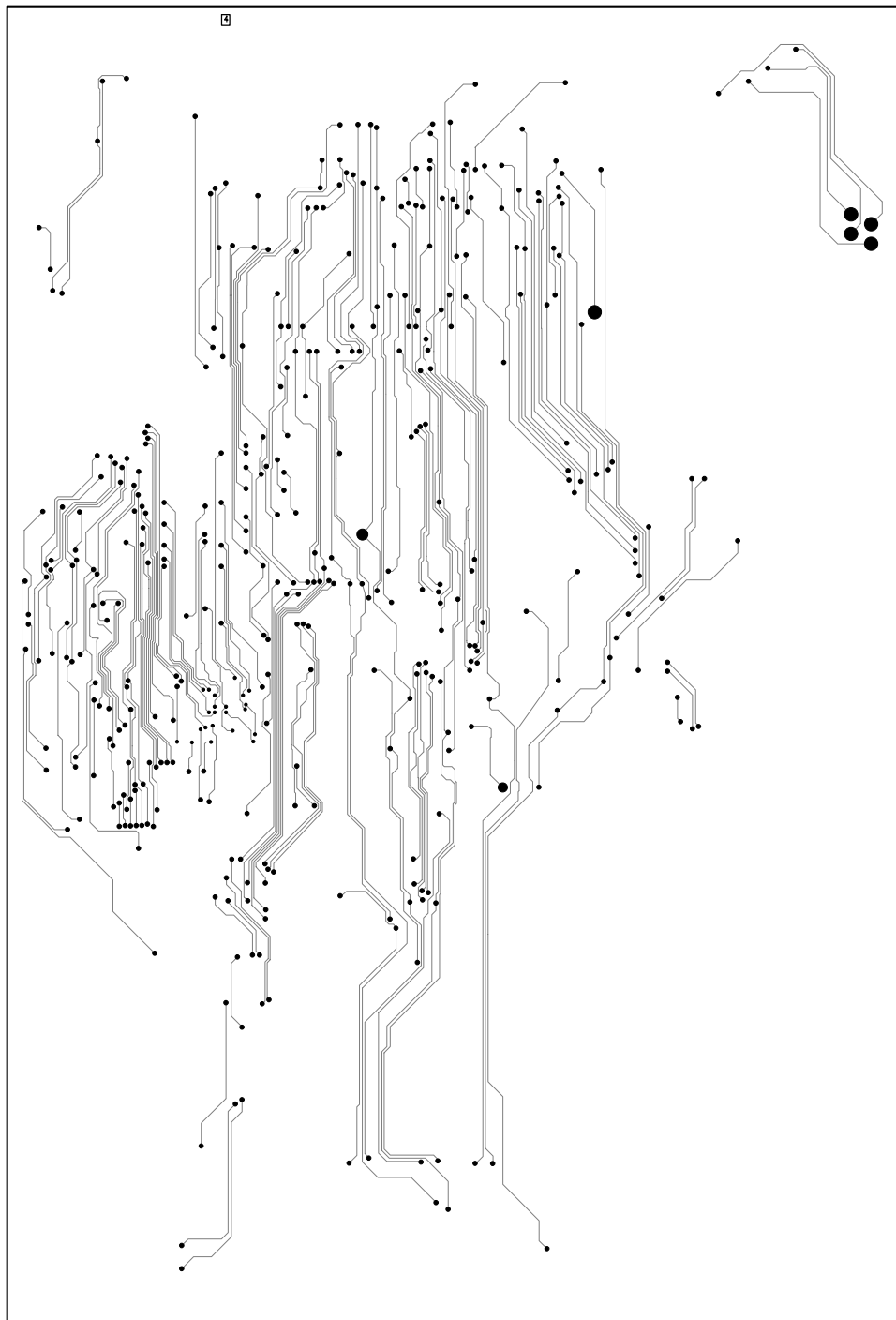



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655	
	APPROVALS	DATE		
MATERIAL	DRAWN	EASTERN CIRCUITS	04/23/09	
	CHECKED			
FINISH	ENGINEERING		SIZE B	
	QUALITY			
DO NOT SCALE THIS DRAWING	MANUFACTURING		DWG. NO. A0217-2008	
			REV. 1.0	
SCALE 1 : 1			SHEET 2 OF 16	

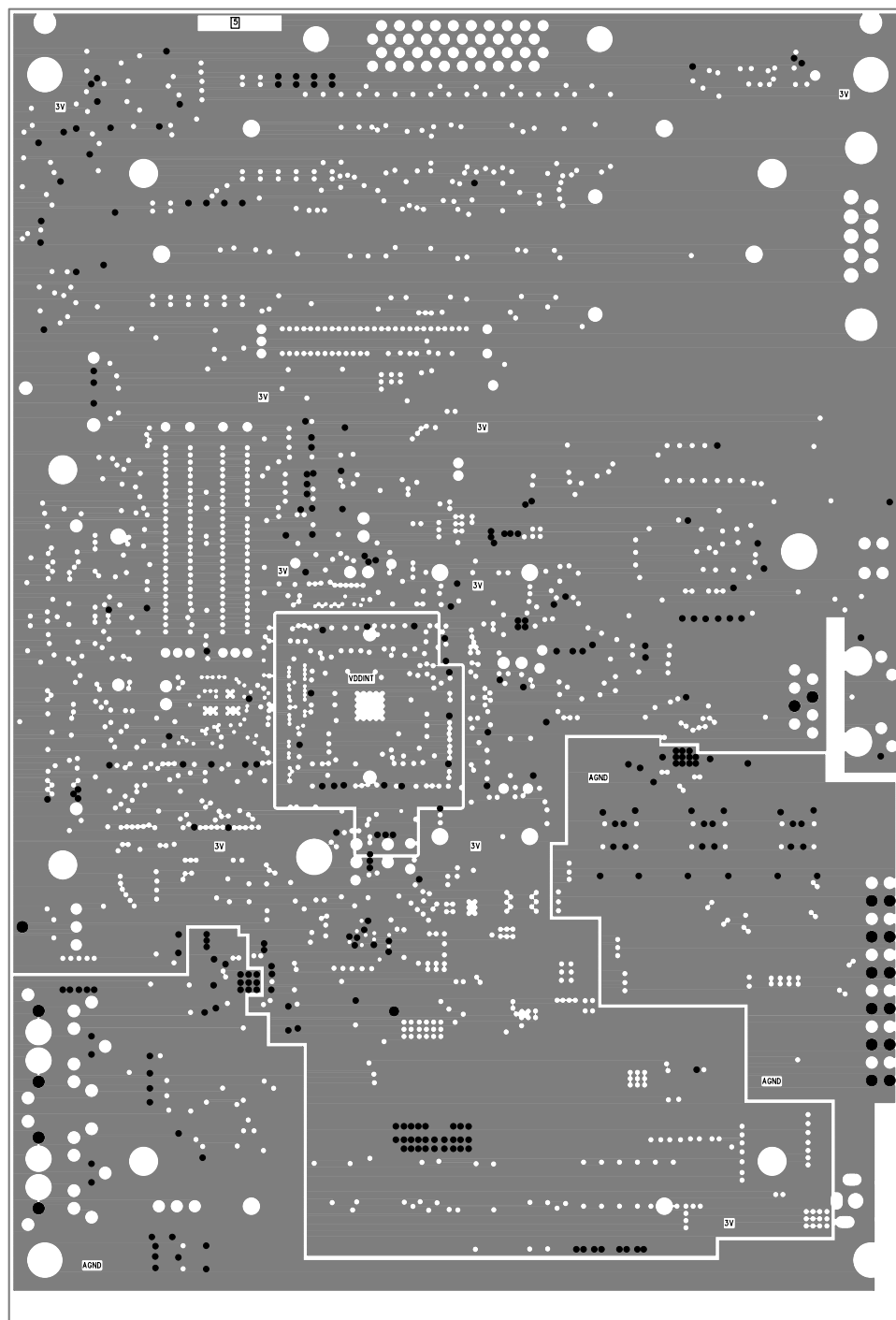



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655		
	APPROVALS	DATE			
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	LAYER 3 INTERNAL SIGNAL ADSP-BF518F EZ-BOARD		
	CHECKED				
FINISH	ENGINEERING		SIZE	DWG. NO.	REV.
	QUALITY		B		
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE	1 : 1	SHEET 3 OF 16
				A0217-2008	1.0



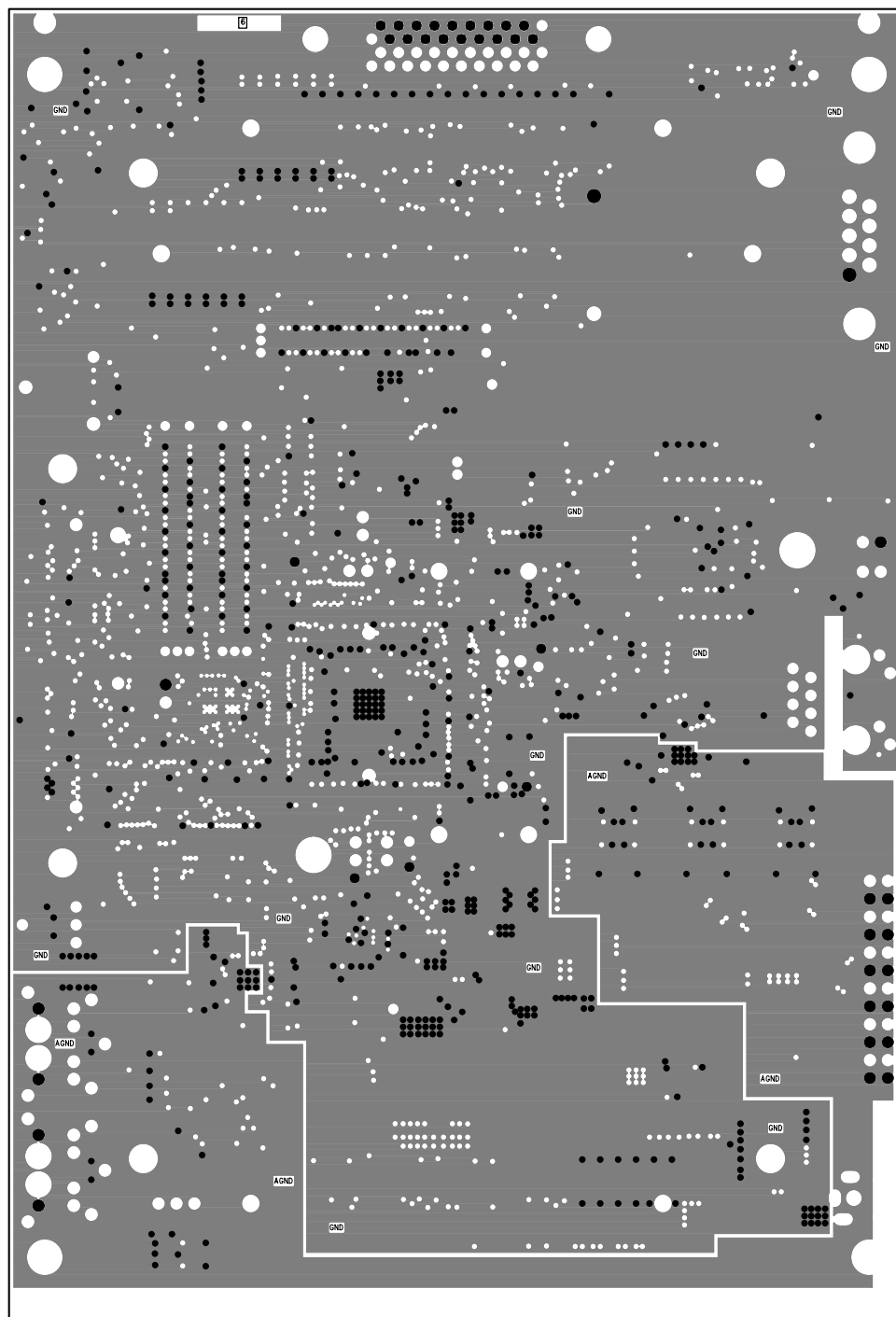



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655	
	APPROVALS	DATE		
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	LAYER 4 INTERNAL SIGNAL ADSP-BF518F EZ-BOARD	
	CHECKED			
FINISH	ENGINEERING		SIZE B	DWG. NO. A0217-2008
	QUALITY			
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1	SHEET 4 OF 16
				REV. 1.0




UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655	
	APPROVALS	DATE		
MATERIAL	DRAWN	EASTERN CIRCUITS	LAYER 5 POWER PLANE 1 ADSP-BF518F EZ-BOARD	
	CHECKED			
FINISH	ENGINEERING		SIZE B	DWG. NO. A0217-2008
	QUALITY			
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1	SHEET 5 OF 16

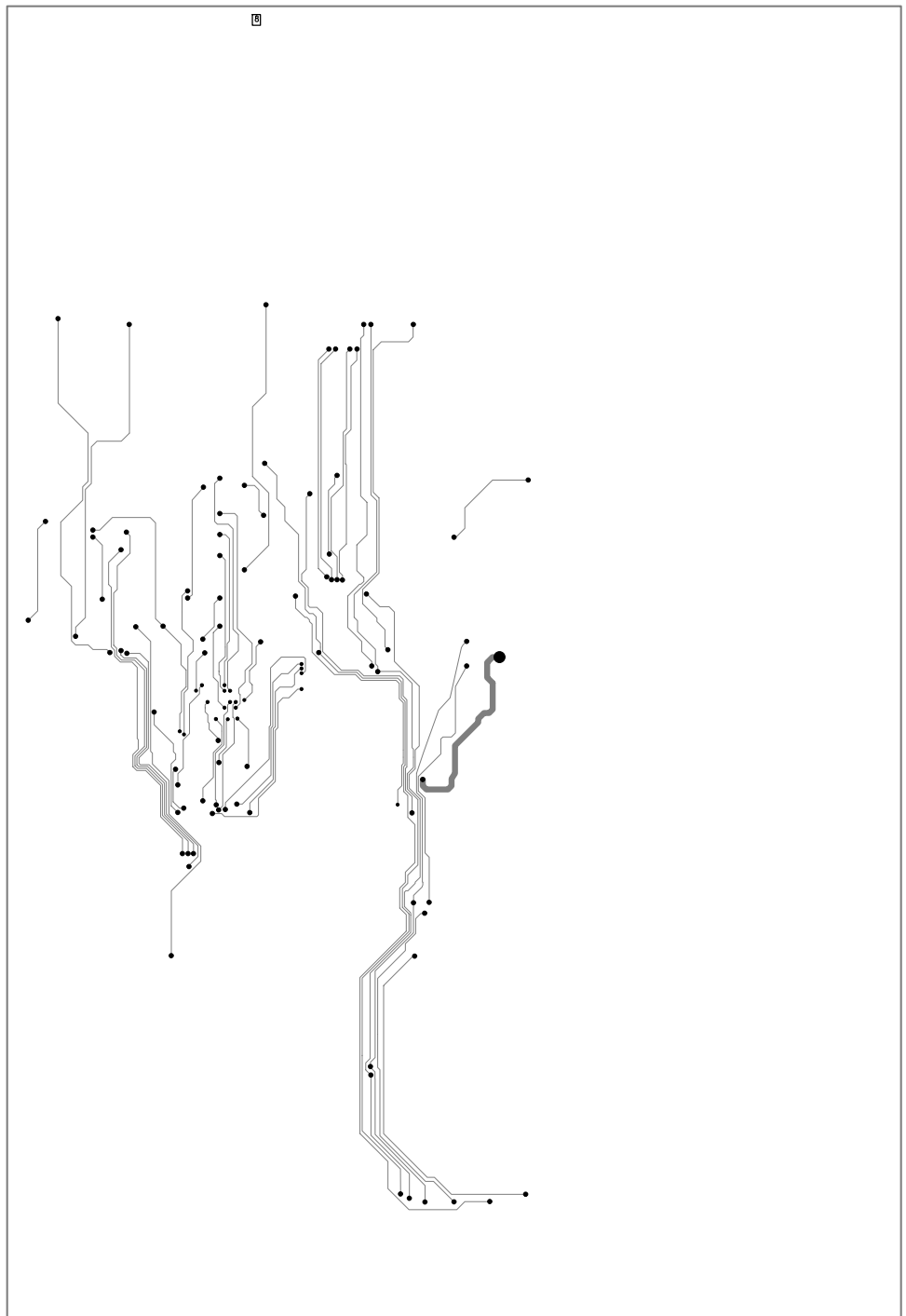
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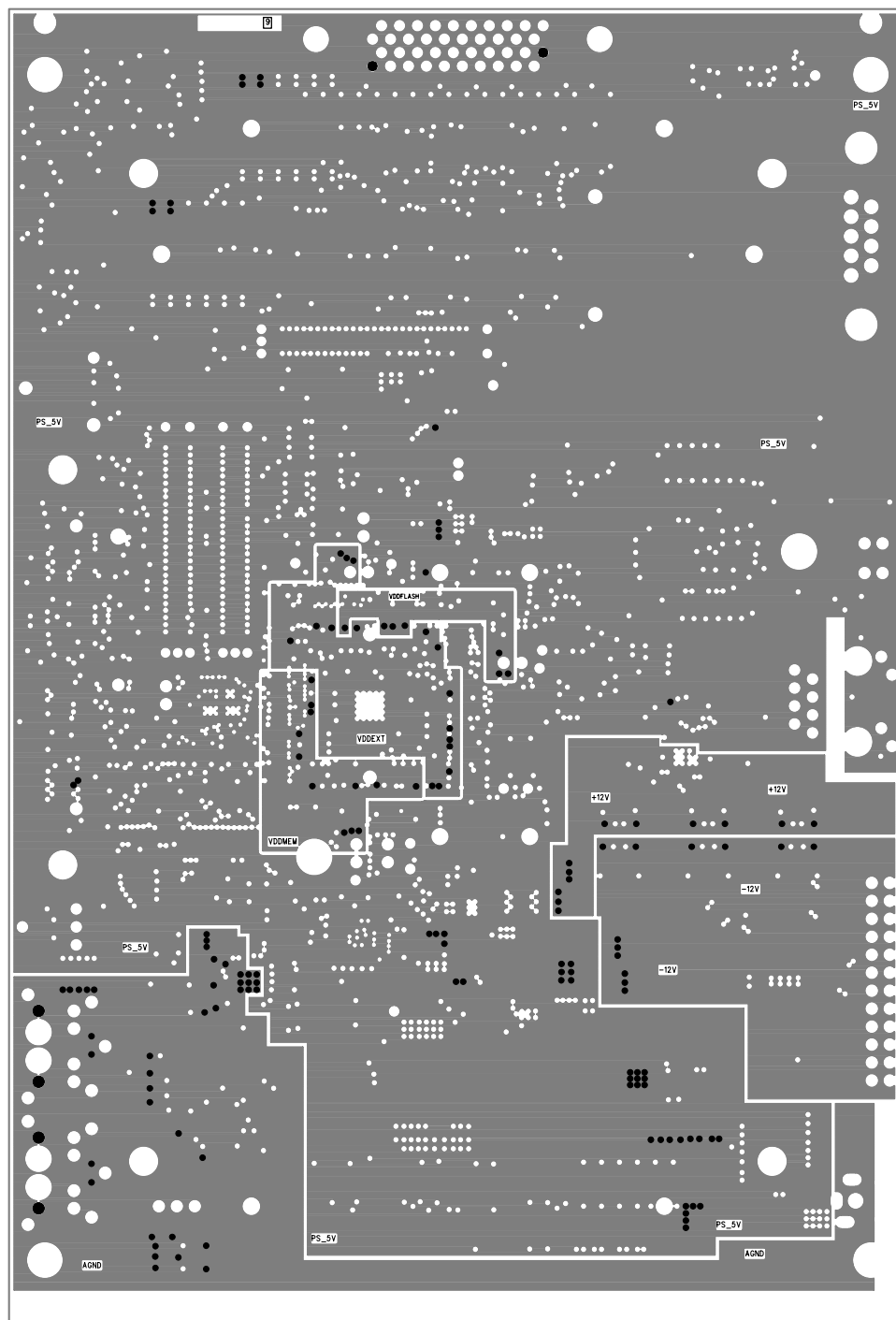
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655	
	APPROVALS	DATE		
MATERIAL	DRAWN	EASTERN CIRCUITS	LAYER 6 GROUND PLANE 2 ADSP-BF518F EZ-BOARD	
	CHECKED			
FINISH	ENGINEERING		SIZE B	DWG. NO. A0217-2008
	QUALITY			
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1	SHEET 6 OF 16




UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 <div> 20 Cotton Road  Nashua, New Hampshire 03063  (603) 883-2430 FAX (603) 882-2655 </div>		
	APPROVALS	DATE			
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	LAYER 7 INTERNAL SIGNAL ADSP-BF518F EZ-BOARD		
	CHECKED				
FINISH	ENGINEERING		SIZE	DWG. NO.	REV.
	QUALITY		B		
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE	1 : 1	SHEET 7 OF 16
				A0217-2008	1.0

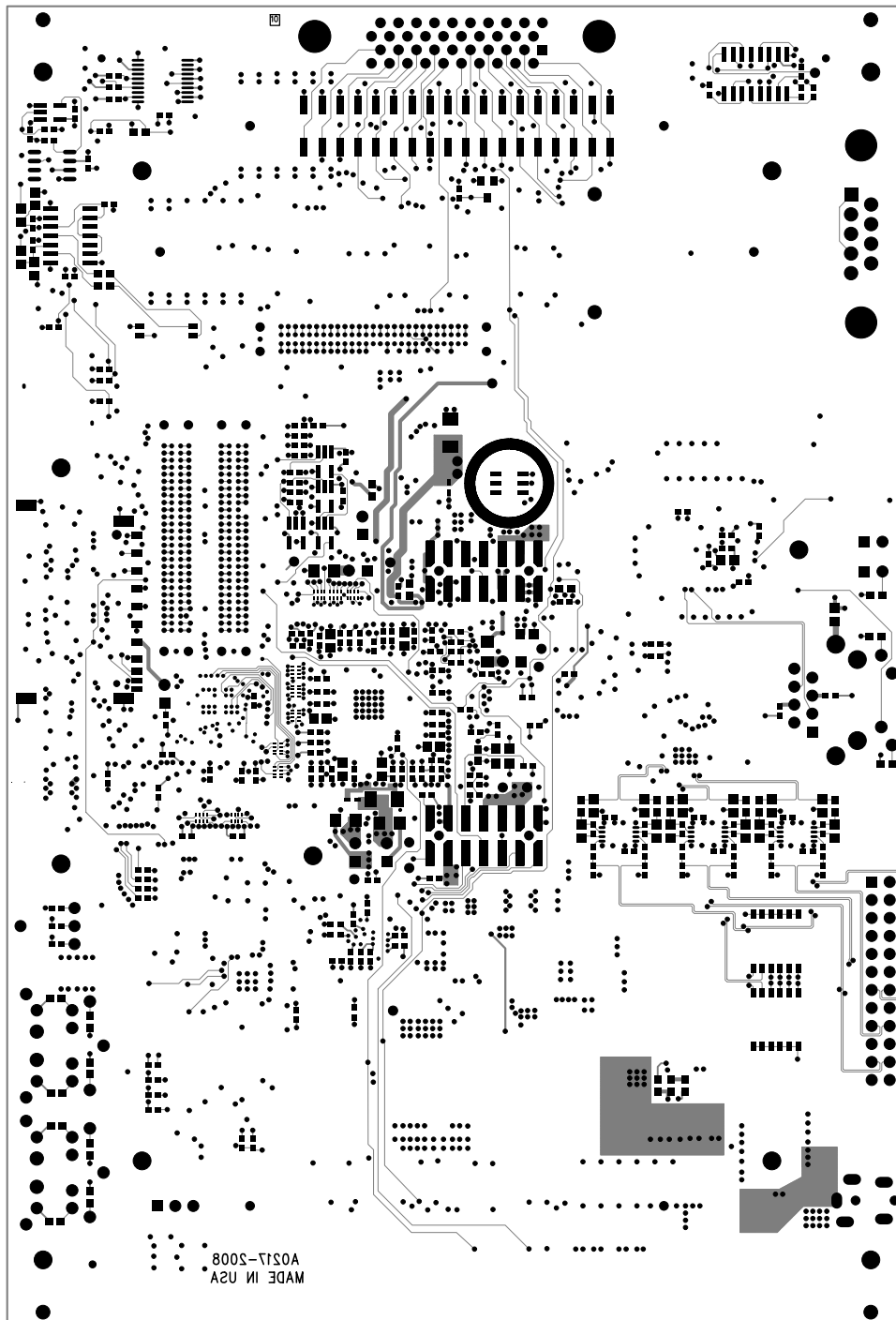



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		<div> <b>ANALOG DEVICES</b></div> <div>20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655</div>		
	APPROVALS	DATE			
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	LAYER 8 INTERNAL SIGNAL ADSP-BF518F EZ-BOARD		
	CHECKED				
FINISH	ENGINEERING		SIZE B	DWG. NO. A0217-2008	REV. 1.0
	QUALITY				
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1	SHEET 8 OF 16	

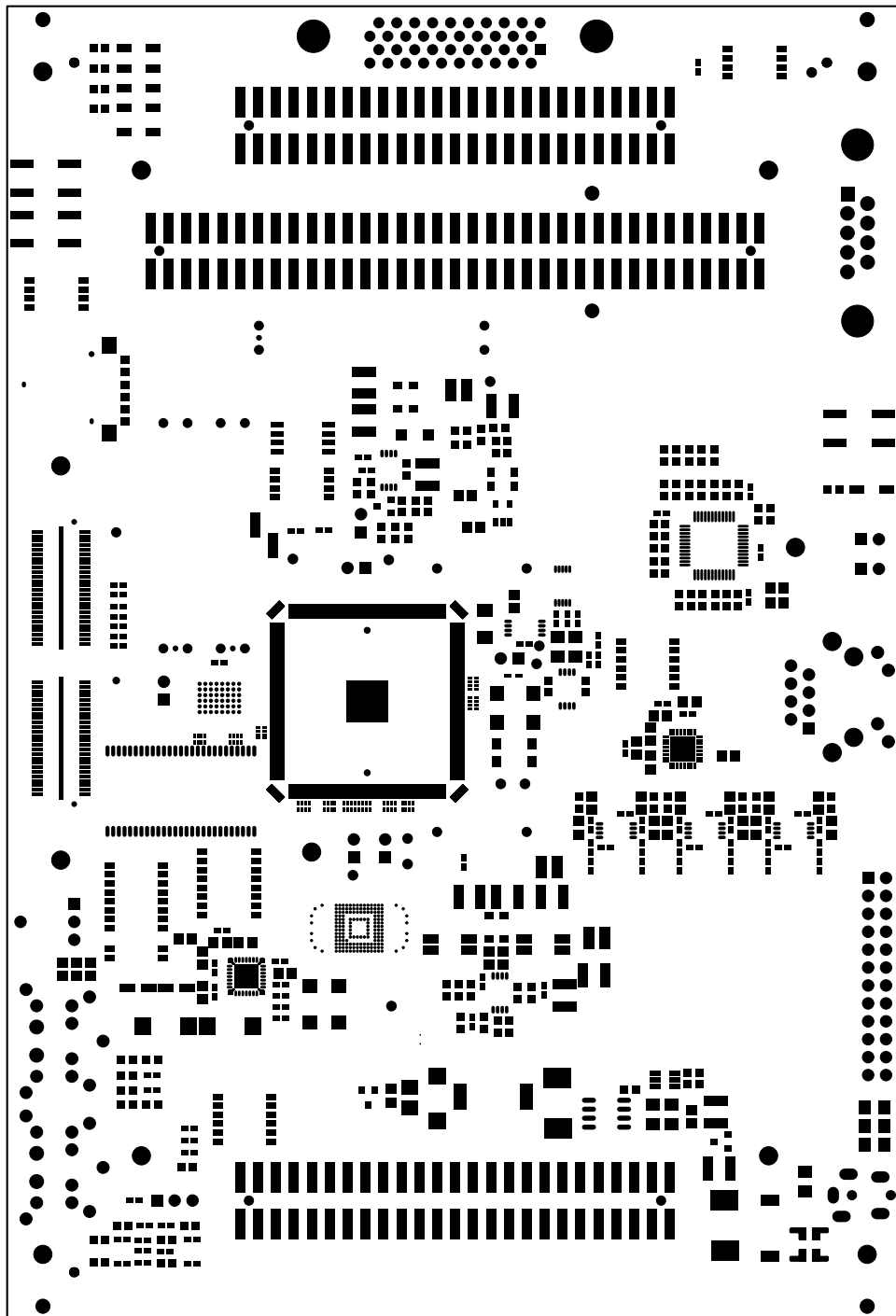



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655	
	APPROVALS	DATE		
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	LAYER 9 POWER PLANE 2 ADSP-BF518F EZ-BOARD	
	CHECKED			
FINISH	ENGINEERING		SIZE B	DWG. NO. A0217-2008
	QUALITY			
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REV.  
1.0



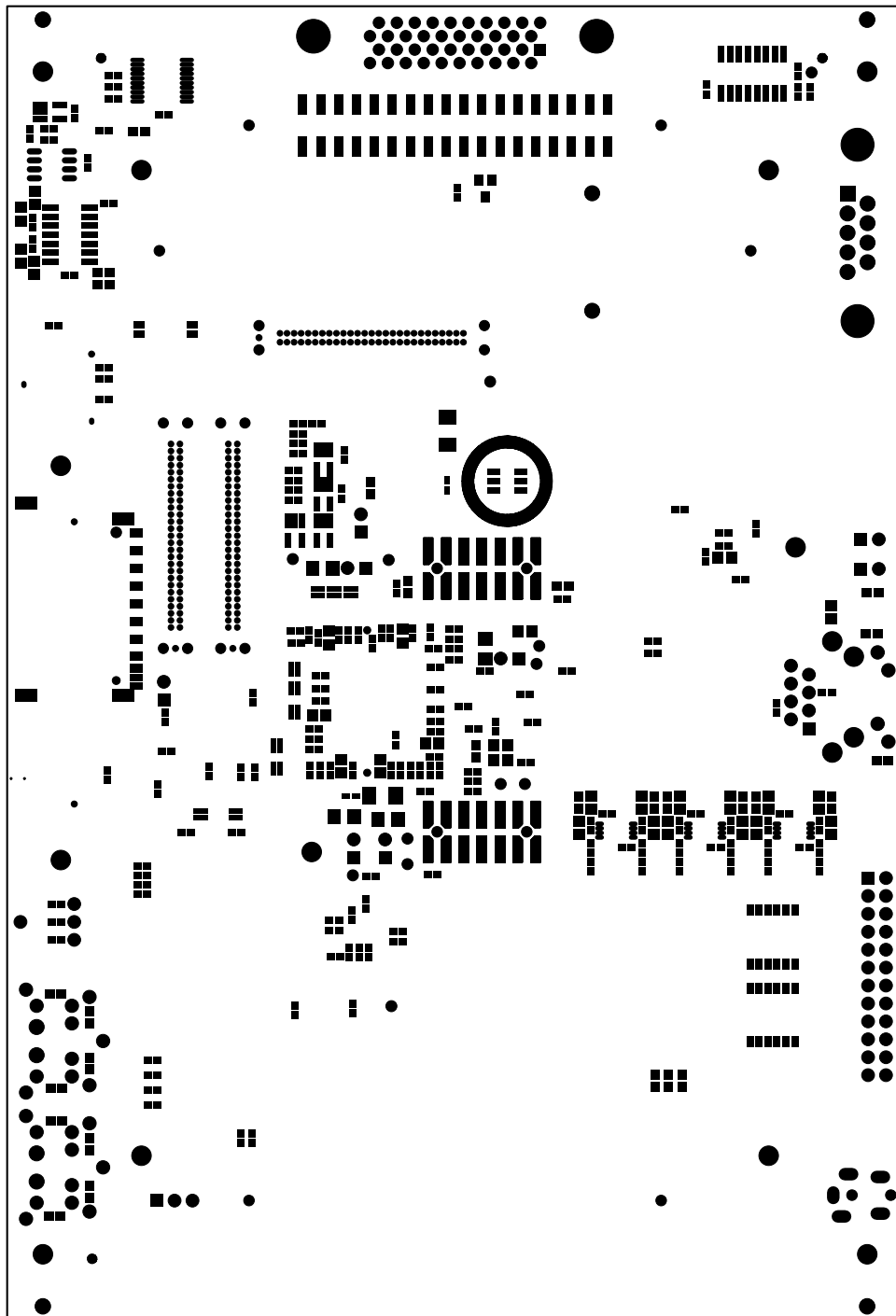
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655	
	APPROVALS	DATE		
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	LAYER 10 BOTTOM SIDE ADSP-BF518F EZ-BOARD	
	CHECKED			
FINISH	ENGINEERING		SIZE B	DWG. NO. A0217-2008 REV. 1.0
	QUALITY			
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1	SHEET 10 OF 16




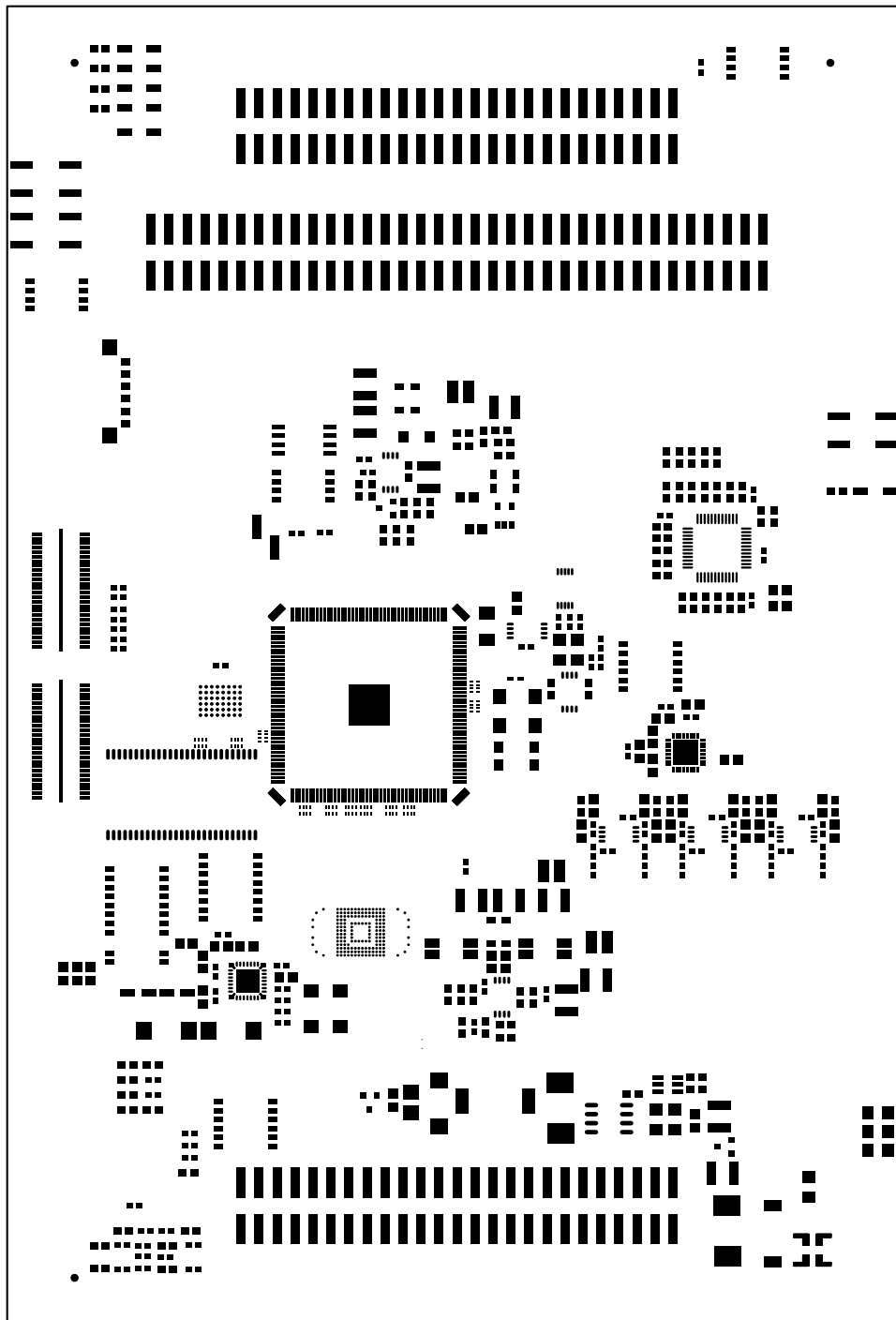
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655	
	APPROVALS	DATE		
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	SOLDER MASK TOP SIDE ADSP-BF518F EZ-BOARD	
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FINISH	ENGINEERING		SIZE B	DWG. NO. A0217-2008
	QUALITY			
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REV.  
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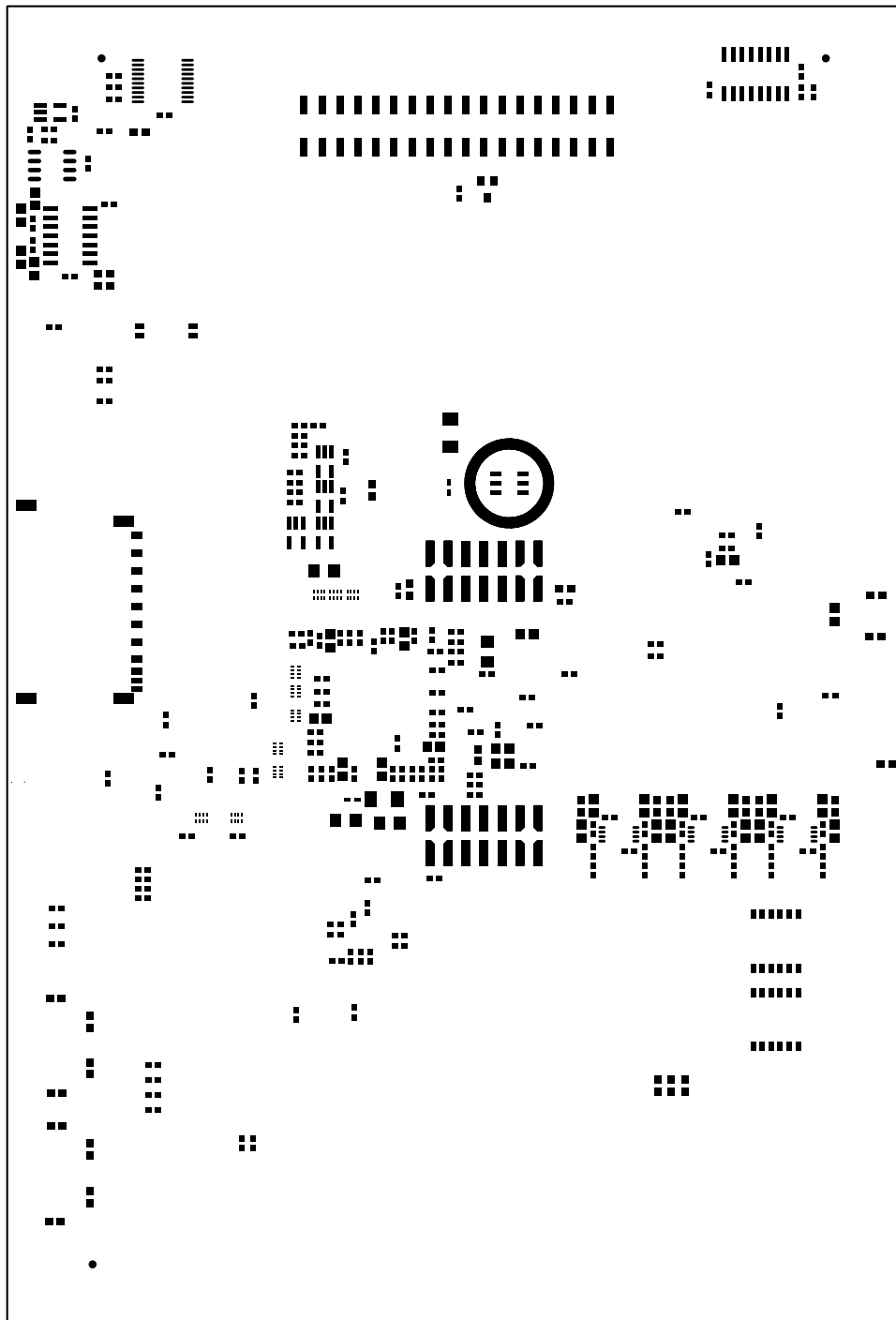





UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655		
	APPROVALS	DATE			
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	SOLDER MASK BOTTOM SIDE ADSP-BF518F EZ-BOARD		
	CHECKED				
FINISH	ENGINEERING		SIZE B	DWG. NO. A0217-2008	REV. 1.0
	QUALITY				
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1	SHEET 12 OF 16	



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655	
	APPROVALS	DATE		
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	SOLDER PASTE TOP SIDE ADSP-BF518F EZ-BOARD	
	CHECKED			
FINISH	ENGINEERING		SIZE B	REV. 1.0
	QUALITY			
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1	SHEET 15 OF 16



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655		
	APPROVALS	DATE			
MATERIAL	DRAWN	EASTERN CIRCUITS 04/23/09	SOLDER PASTE BOTTOM SIDE ADSP-BF518F EZ-BOARD		
	CHECKED				
FINISH	ENGINEERING		SIZE	DWG. NO.	REV.
	QUALITY		B		
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE	1 : 1	SHEET 16 OF 16