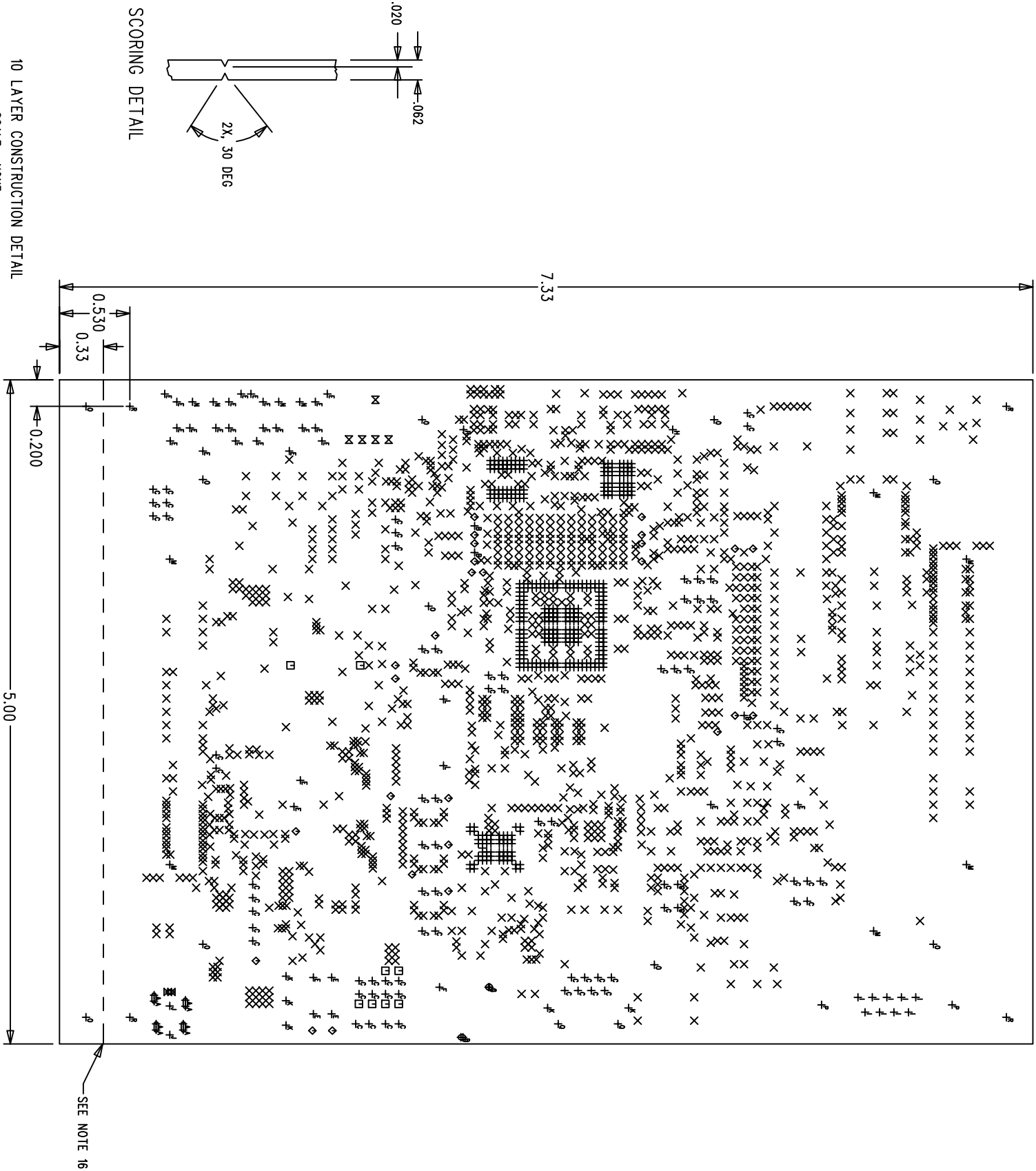


REVISIONS				
REV	DESCRIPTION OF CHANGE	DRT/ R	DATE	APPROVED
0.1	NEW RELEASE	C.C.D.	04/08/08	
0.2	REFER TO ECO 2008-054	C.C.D.	07/5/08	

SIZE	QTY	SYM	PLATED	TOL
0.008	381	+	YES	+/-0.003
0.012	1597	×	YES	+/-0.003
0.02	8	▣	YES	+/-0.003
0.028	27	◇	YES	+/-0.003
0.032 x 0.06	1	⊠	YES	+/-0.003
0.032	5	⊠	YES	+/-0.003
0.032 x 0.078	4	⊠	YES	+/-0.003
0.033	3	⊠	NO	+/-0.003
0.038	74	⊠	YES	+/-0.003
0.039 x 0.055	1	⊠	NO	+/-0.003
0.043	30	⊠	YES	+/-0.003
0.043	1	⊠	NO	+/-0.003
0.043 x 0.051	1	⊠	NO	+/-0.003
0.046	2	⊠	NO	+/-0.003
0.047	9	⊠	YES	+/-0.003
0.063	2	⊠	NO	+/-0.003
0.063	5	⊠	YES	+/-0.003
0.068	2	⊠	NO	+/-0.003
0.07	6	⊠	NO	+/-0.003
0.117	4	⊠	NO	+/-0.005
0.125	10	⊠	NO	+/-0.005
0.125	2	⊠	YES	+/-0.005
0.128	2	⊠	NO	+/-0.005
0.156	4	⊠	NO	+/-0.005

- UNLESS OTHERWISE SPECIFIED
- BOARD TO BE FABRICATED PER IPC-6012B, CLASS 2.
 - MATERIAL: FR-370HR OR EQUIVALENT. OUTER LAYERS 1/2 OZ/SOFT CU INNER LAYERS 1/2 OZ/SOFT CU FINISHED .062 (.050 MIN .070 MAX SEE DETAIL). VENDOR MAY ADJUST THICKNESS TO FULFILL NOTE 9.
 - PLATING: ADDITIONAL CU PLATING 1 OZ/SOFT
ALL HOLES PLATED THROUGH, EXCEPT AS NOTED IN HOLE LEGEND.
MINIMUM PTH BARREL THICKNESS = 0.0009" MINIMUM AVERAGE PER IPC-6012B WITH AMENDMENT 1, CLASS 2 REQUIREMENTS.
WITH NO SINGLE MEASUREMENT LESS THAN 0.00071 IN THE PLATED HOLES.
 - FINISH: SURFACES TO BE COATED BY ENG OF 3 TO 5 MICRONS OVER A MINIMUM OF 150-200 MICRONS OF LOW STRESS NICKEL.
 - SOLDERMASK: SOLDER MASK TO BE TRANSPARENT GREEN LPI BOTH SIDES PER GERBER FILES.
 - SILKSCREEN: WHITE EPOXY INK, APPLY TO BOTH SIDES PER GERBER FILES.
MINIMUM FEATURE SIZE = 0.005
MINIMUM AIR GAP = 0.004
 - ALL DIMENSIONS ARE IN INCHES.
 - CONTROLLED IMPEDANCE: BOARD TO BE BUILT TO YIELD CONTROLLED IMPEDANCE OF 60 OHMS +/-10% (SINGLE ENDED) ON ALL .005" LINE WIDTHS. ALL .0079" LINE WIDTHS TO BE 45 OHMS SINGLE ENDED AND 90 OHMS DIFFERENTIAL +/-10%.
 - NON-FUNCTIONAL COPPER THIEVING IS ALLOWED ON OPEN AREAS.
 - VAS SHOULD BE COVERED ACCORDING TO ONE OF THE FOLLOWING METHODS.
METHOD 1: WAS MUST BE FILLED WITH SOLDERMASK MATERIAL AFTER ELECTROLESS NICKEL/IMMERSION GOLD AND BEFORE PRIMARY LPI MASK. AFTER THE FILL IS CURED, THE PRIMARY MASK IS THEN APPLIED WITH NO VIA APERTURES BOTH SIDES.
 - METHOD 2: AFTER APPLICATION OF FULL BODY ELECTROLESS NICKEL/IMMERSION GOLD, APPLY PRIMARY MASK WITH REDUCED VIA APERTURES THAT ARE 6 MILS LARGER THAN DRILLED HOLE DIAMETER BOTH SIDES. THEN APPLY SOLDER MASK PLUG ON COMPONENT SIDE.
 - VIA HOLES (.008 & .012) REQUIRE TANGENCY ONLY, INSTEAD OF ANNULAR RING.
 - TEARDROP PADS ARE ACCEPTABLE WHERE NEEDED.
 - REMOVAL OF NON-FUNCTIONAL PADS ON LAYERS 3, 4, 7, AND 8 IS ACCEPTABLE.
 - USE IPC-D-356A NETLIST AS SUPPLIED FOR CHECKING.
 - V SCORE 1 LINE ON BOTH SIDES OF THE BOARD. SEE DETAIL.
 - BUILD AS 1-UP PCB.
 - THE FOLLOWING NETS ARE INTENTIONALLY SHORTED AND RESULT IN IPC NETLIST ERRORS:
AT W1 : GND & AGND (LAYER 10)
AT W2 : GND & AGND4 (LAYER 1)
AT W3 : GND & AGND3 (LAYER 1)



CONTRACT NO.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	
APPROVALS		DATE	
C.C.D.		07/5/08	
BROWN		CHECKED	
SEE NOTES		ENGINEERING	
SEE NOTES		QUALITY	
DO NOT SCALE THIS DRAWING		MANUFACTURING	
SCALE 1 : 1		SHEET 1 OF 1	

FABRICATION DRAWING		REV.	
ADSP-BF526 EZ-BOARD		0.2	
SIZE B		DWG. NO. A0212-2007-REF	
FINISH		QUALITY	
SEE NOTES		DO NOT SCALE THIS DRAWING	

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