NORTHROP GRUMMAN PROPRIETARY LEVEL I

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1	ENGINEERING DEVELOPMENT	20190829	ON FILE
2	FIXED REVISION NUMBER ON ALL PAGES	20200109	ON FILE

NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS DRAWING SHALL BE INTERPRETED IAW ASME Y14.100-2017.

2. SOLDERING PROCESSES AND WORKMANSHIP SHALL BE IAW J-STD-001, CLASS 3 AND IPC-A-610, CLASS 3. IN THE EVENT OF CONFLICT BETWEEN THESE TWO SPECIFICATIONS, J-STD-001 SHALL TAKE PRECEDENCE.

3. COMPONENT ORIENTATION MARKINGS AND REFERENCE DESIGNATIONS ARE SHOWN FOR LOCATING PURPOSES ONLY AND MAY NOT APPEAR ON THE ACTUAL ASSEMBLY.

4. PARTIAL REFERENCE DESIGNATORS ARE SHOWN. FOR COMPLETE DESIGNATIONS, PREFIX WITH UNIT NUMBER, ASSEMBLY AND SUBASSEMBLY DESIGNATIONS.

5. REFERENCE DRAWINGS: SEE PARTS LIST FN 900 FOR SCHEMATIC DIAGRAM.

6. SOLDER COMPONENTS USING FN 600.

7. ELECTROSTATIC DISCHARGE CONTROL PROGRAM FOR PROTECTION OF ELECTRICAL AND ELECTRONIC PARTS, ASSEMBLIES AND EQUIPMENT SHALL BE IAW ANSI/ESD S20.20. COMPONENTS AND ASSEMBLIES SUSCEPTIBLE TO LESS THAN 100V HUMAN BODY MODEL (HBM) SHALL BE HANDLED IAW INDUSTRY GUIDELINES FOR CLASS 0A HBM PARTS.

8. MOISTURE SENSITIVE DEVICES CONTAINED IN THIS ASSEMBLY SHALL BE HANDLED, PACKAGED AND USED IAW J-STD-033.

9. SEE SEPARATE PARTS LIST FOR REFERENCE DESIGNATIONS SHOWN ON THE DRAWING BUT NOT INSTALLED.

10. MARK PART NUMBER AND SERIAL NUMBER IAW MIL-STD-130. LOCATE APPROXIMATELY WHERE SHOWN.

PROTOTYPE RELEASE ONLY
UNCONTROLLED COPY
USER MUST VERIFY CURRENT REVISION PRIOR TO USE

SEE SEPARATE PARTS LIST

QTY REQD PER ASSY	DAI	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPEC	REF DES	FIND NO
		PARTS LIST					

UNLESS OTHERWISE SPECIFIED
1. DIMENSIONS ARE IN INCHES.
2. SURFACE TEXTURE SHALL BE
3. DIMENSIONS APPLY AFTER PLATING OR FINISH.
4. REMOVE BURRS AND SHARP EDGES.
5. PARENTHETICAL DATA IS FOR REFERENCE ONLY.
6. ALL SHEETS ARE THE SAME REVISION STATUS.

TOLERANCES

ON ALL HOLE DIAMETERS			
UNDER .0140	+.0020 -.0005	.501 THRU .750	+.008 -.001
.014 THRU .125	+.004 -.001	.751 THRU 1.000	+.010 -.001
.126 THRU .250	+.005 -.001	1.001 THRU 2.000	+.012 -.001
.251 THRU .500	+.006 -.001	OVER 2.000	+.014 -.001

ON DECIMAL DIMENSIONS:	ON ANGULAR DIMENSIONS:
.XXX ± .010	MACHINED ±0°30'
.XX ± .03	LOCATING ±0°30'
.X ± .1	FORMED ±2°
	CHAMFERS ±5°

ICNG D2244360
USED ON | CI NO. | NEXT ASSY
APPLICATION

FINISH
HEAT TREAT

DO NOT SCALE DRAWING
CONTRACT NO.
ORIG M. MCAULIFFE 20190829
CHECKER
RDE
MFG
QA
PCMO
EDMC
SIGNATURES ON FILE
THIRD ANGLE PROJECTION

NORTHROP GRUMMAN
15120 INNOVATION DRIVE, SAN DIEGO, CA 92128

TITLE
CIRCUIT CARD ASSEMBLY, ICNG

SIZE	DAI	DWG NO	REV
D	65409	D2244350	2

SCALE NONE SHEET 1 OF 3

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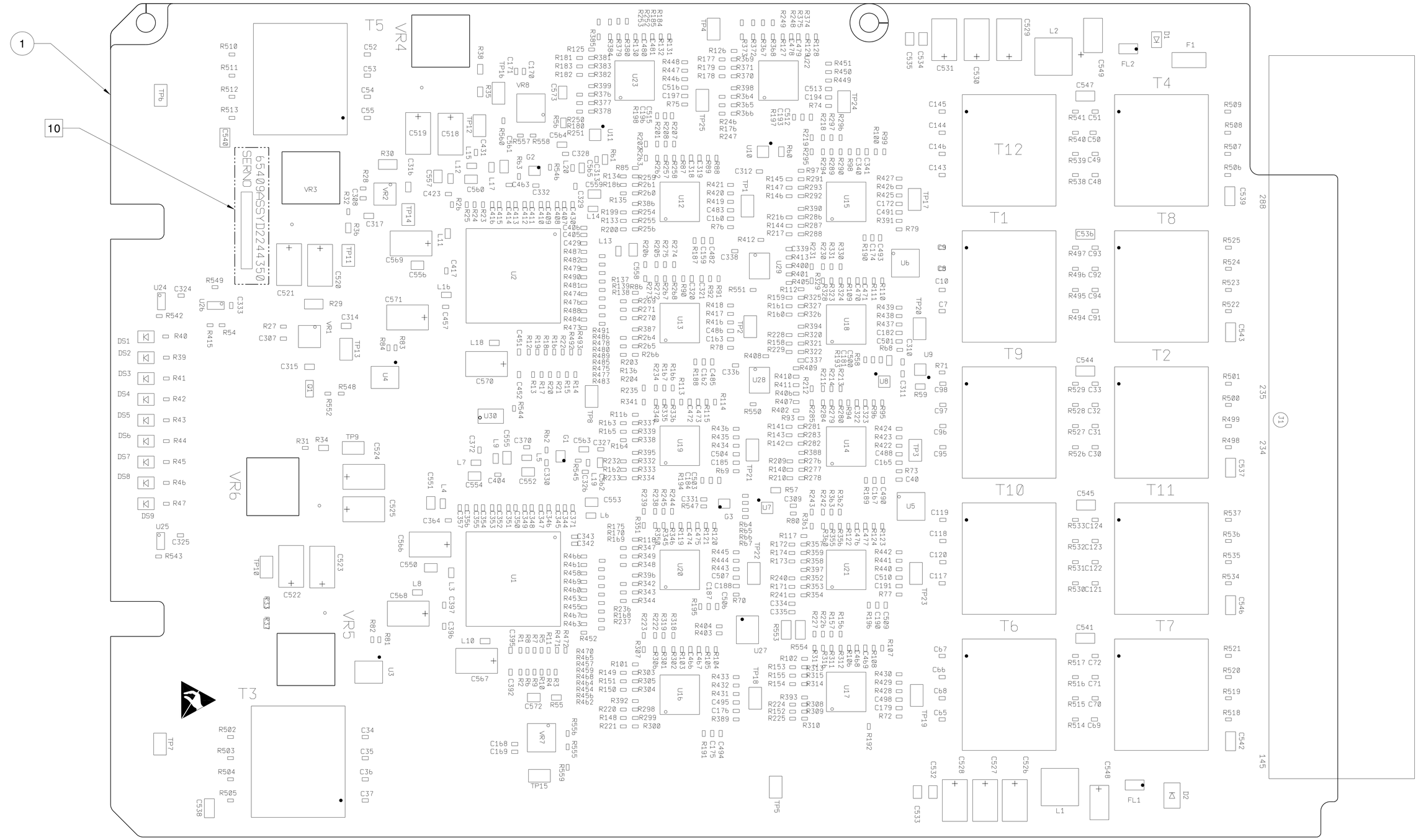

-1

PRIMARY SIDE

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SCALE NONE		SHEET 2	

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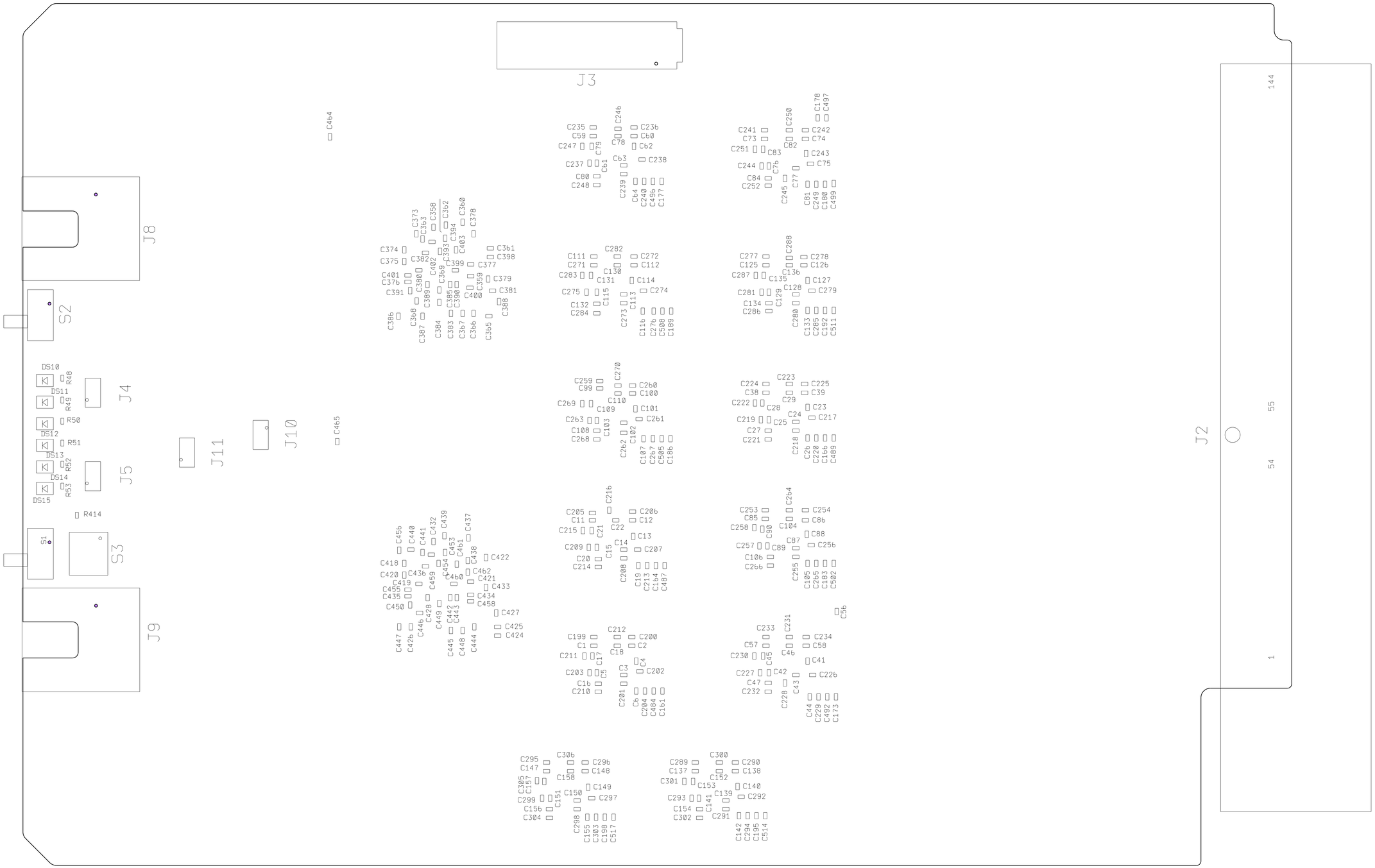

-1
SECONDARY SIDE

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SCALE NONE		SHEET 3	