

DANGER: HIGH VOLTAGE AND HIGH ENERGY

TESTING AND REPAIR OF ELECTRONIC EQUIPMENT, ESPECIALLY WHEN POWERED FROM A.C. MAINS, CARRIES SEVERE RISK OF ELECTRIC SHOCK, FIRE AND OTHER HAZARDS, AND MUST BE PERFORMED ONLY BY COMPETENT AND QUALIFIED PERSONS.

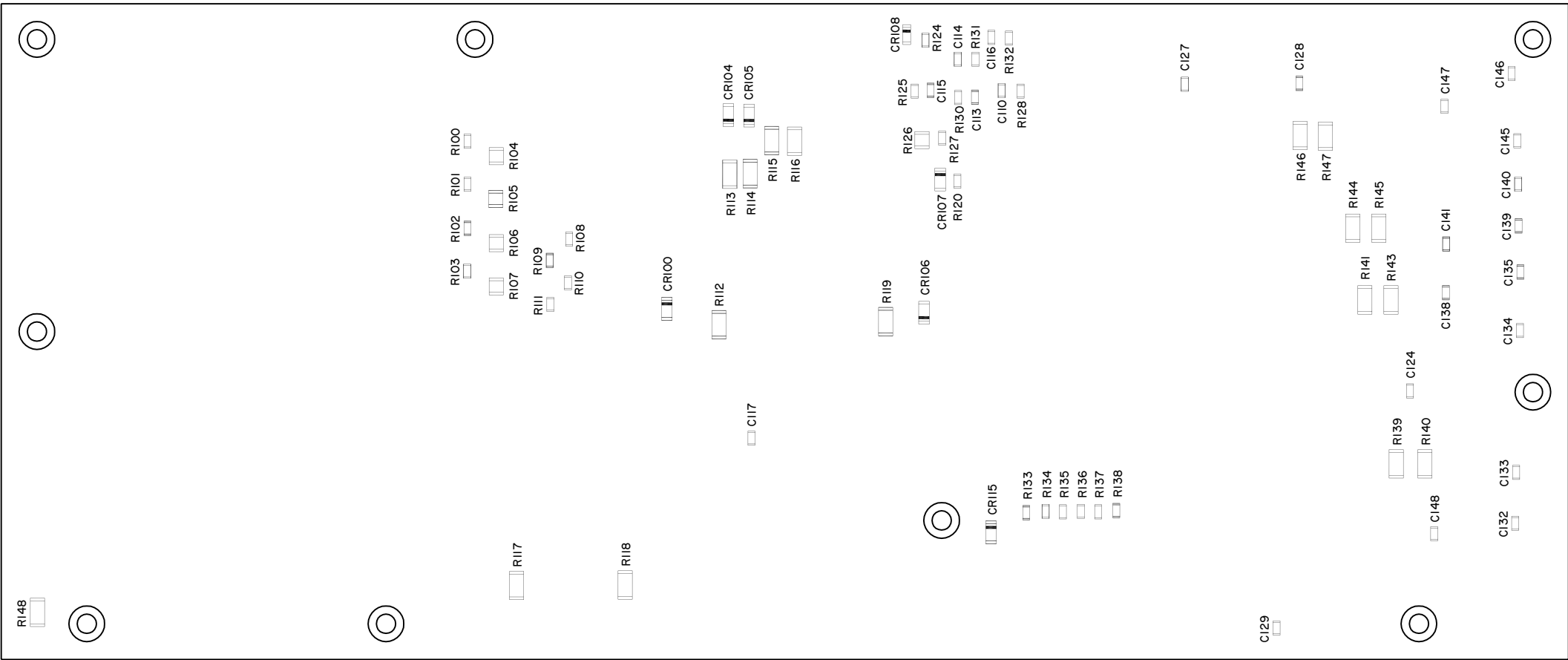
NOTICE: NO WARRANTY

THE INFORMATION PRESENTED IN THIS DRAWING WAS OBTAINED BY INSPECTION AND ANALYSIS OF A SAMPLE OF THE SUBJECT ASSEMBLY AND MAY NOT MATCH OTHER SIMILAR ASSEMBLIES. IT IS INTENDED AS A REFERENCE AID FOR PERSONAL USE ONLY, MAY CONTAIN ERRORS AND/OR OMISSIONS, AND IS FURNISHED WITHOUT WARRANTY OF ANY KIND. USER ASSUMES ALL RISK ASSOCIATED WITH THE USE OF THIS INFORMATION.

SUBJECT ASSEMBLY:
INTERNATIONAL POWER SYSTEMS, INC.
MODEL: NX300-6003
9290600100
DATE: 974IN REV E

UNLESS OTHERWISE NOTED:
ALL RESISTANCES ARE IN OHMS, 1%, EIA SIZE 1206.
ALL CAPACITANCES ARE IN MICROFARADS.
POLARIZED CAPACITORS ARE ALUMINUM ELECTROLYTIC, 20% TOLERANCE.
NON-POLARIZED CAPACITORS ARE CERAMIC, 10% TOLERANCE, X7R CHARACTERISTIC, 50 V.
ORIGINAL REFERENCE DESIGNATORS PRINTED ON THE ASSEMBLY ARE RETAINED. COMPONENTS NOT HAVING SUCH DESIGNATORS ARE ASSIGNED RANDOM DESIGNATORS THAT ARE UNLIKELY TO MATCH THOSE OF THE ORIGINAL DESIGN.

MAIN BOARD - BACK SIDE



SMT PASSIVES PIN 1 (DOT) ORIENTATION

				SCHEMATIC DIAGRAM INFINIUM POWER SUPPLY			
				SIZE C		DWG NO. UNRELEASED	REV 2
				SCALE	NONE	SHEET 1 OF 10	

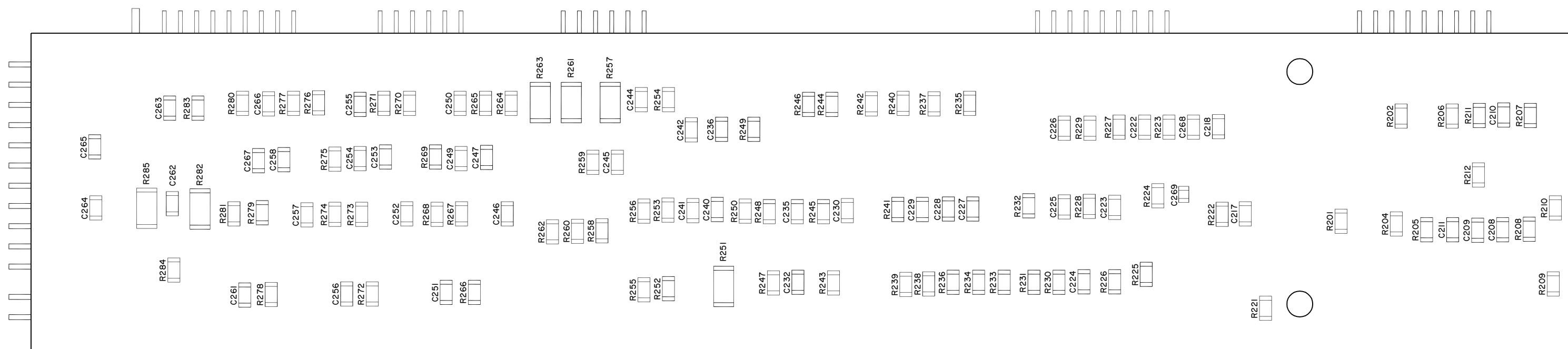
4

3

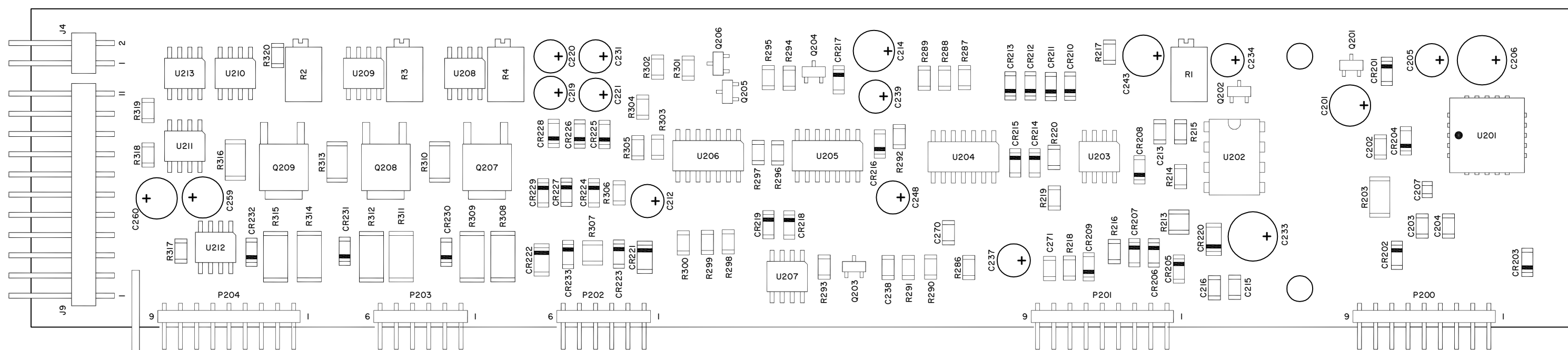
2

1

DAUGHTERBOARD - BACK SIDE



SMT PASSIVES PIN 1 (DOT) ORIENTATION



DAUGHTERBOARD - FRONT SIDE

4

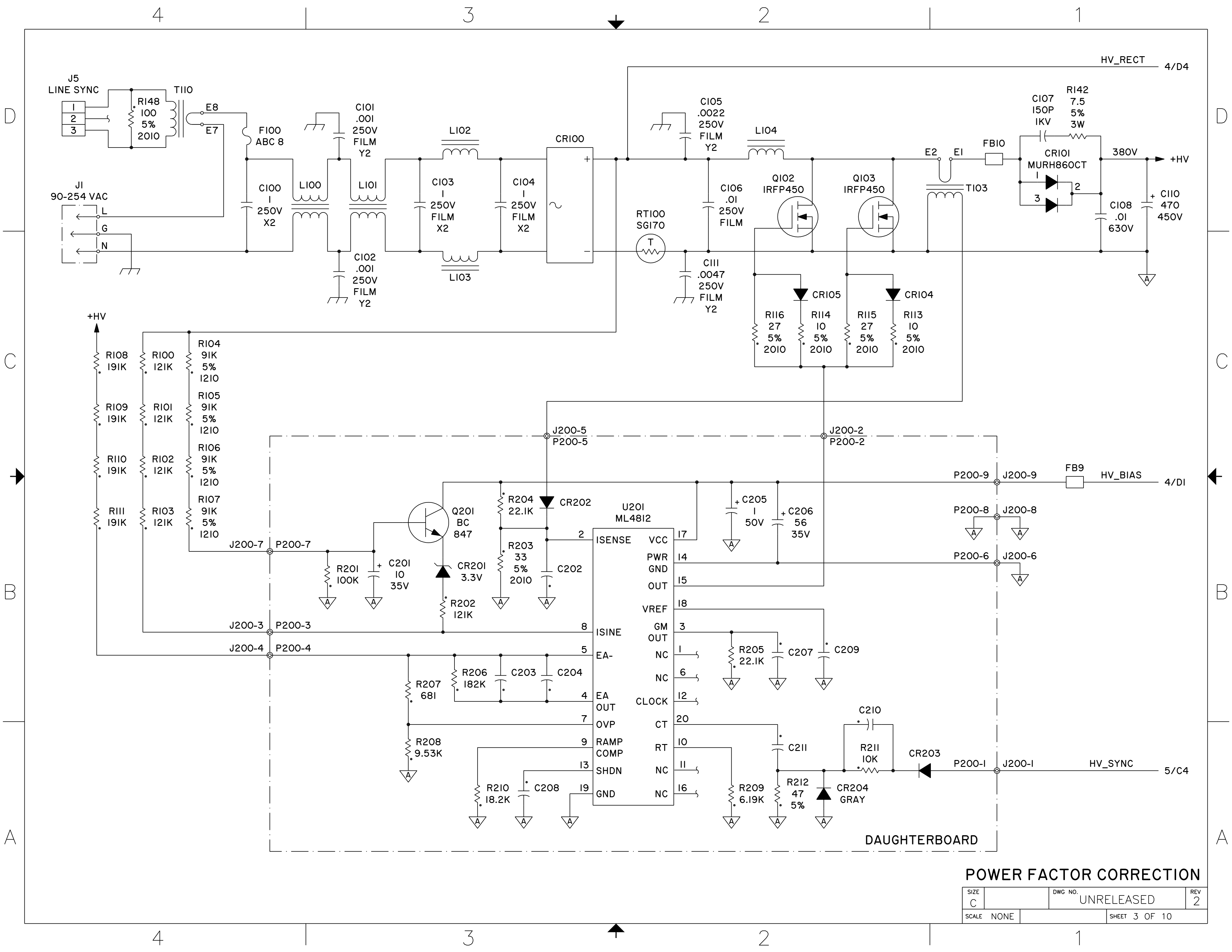
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2

1

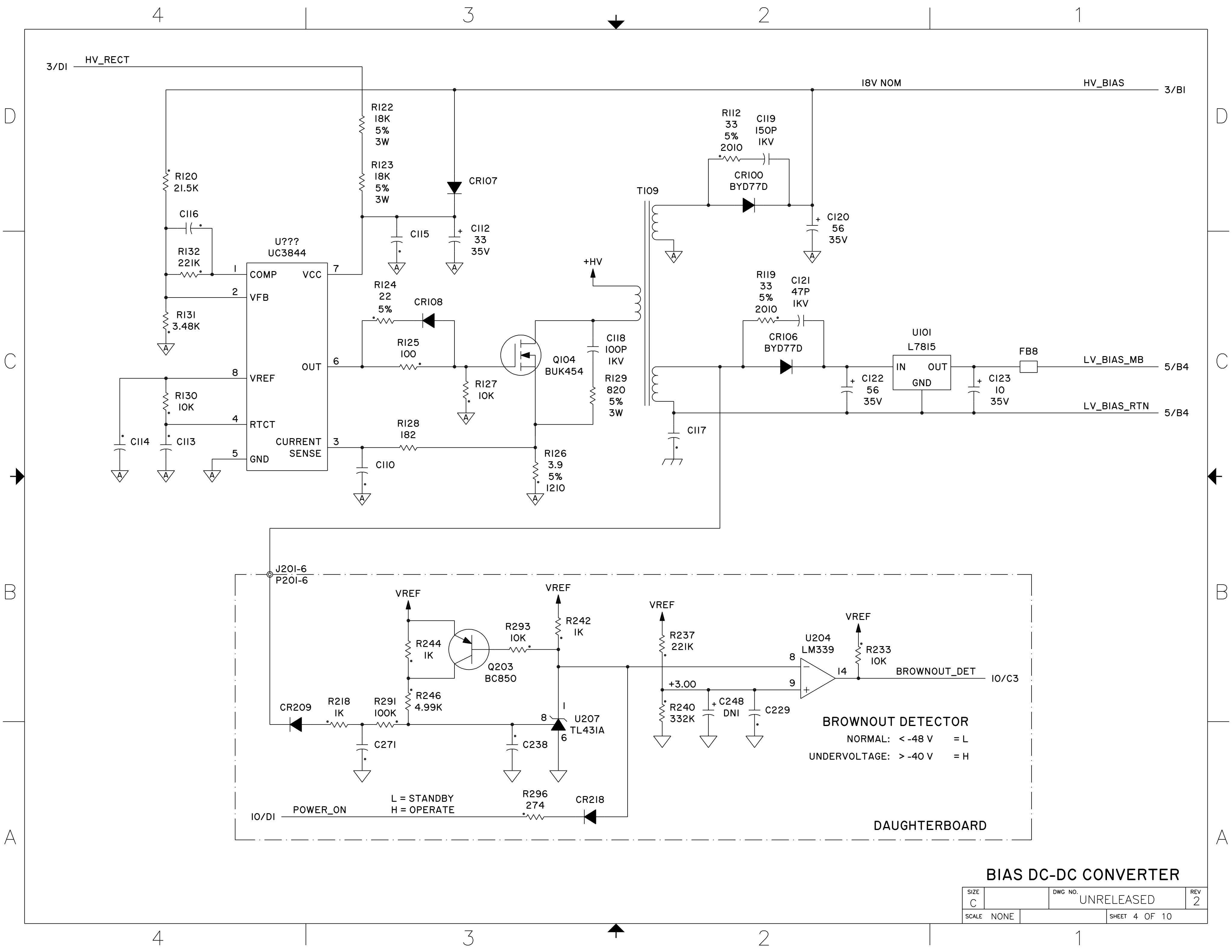
DAUGHTERBOARD REFDES

SIZE C	DWG. NO. UNRELEASED	REV 2
SCALE NONE	SHEET 2 OF 10	



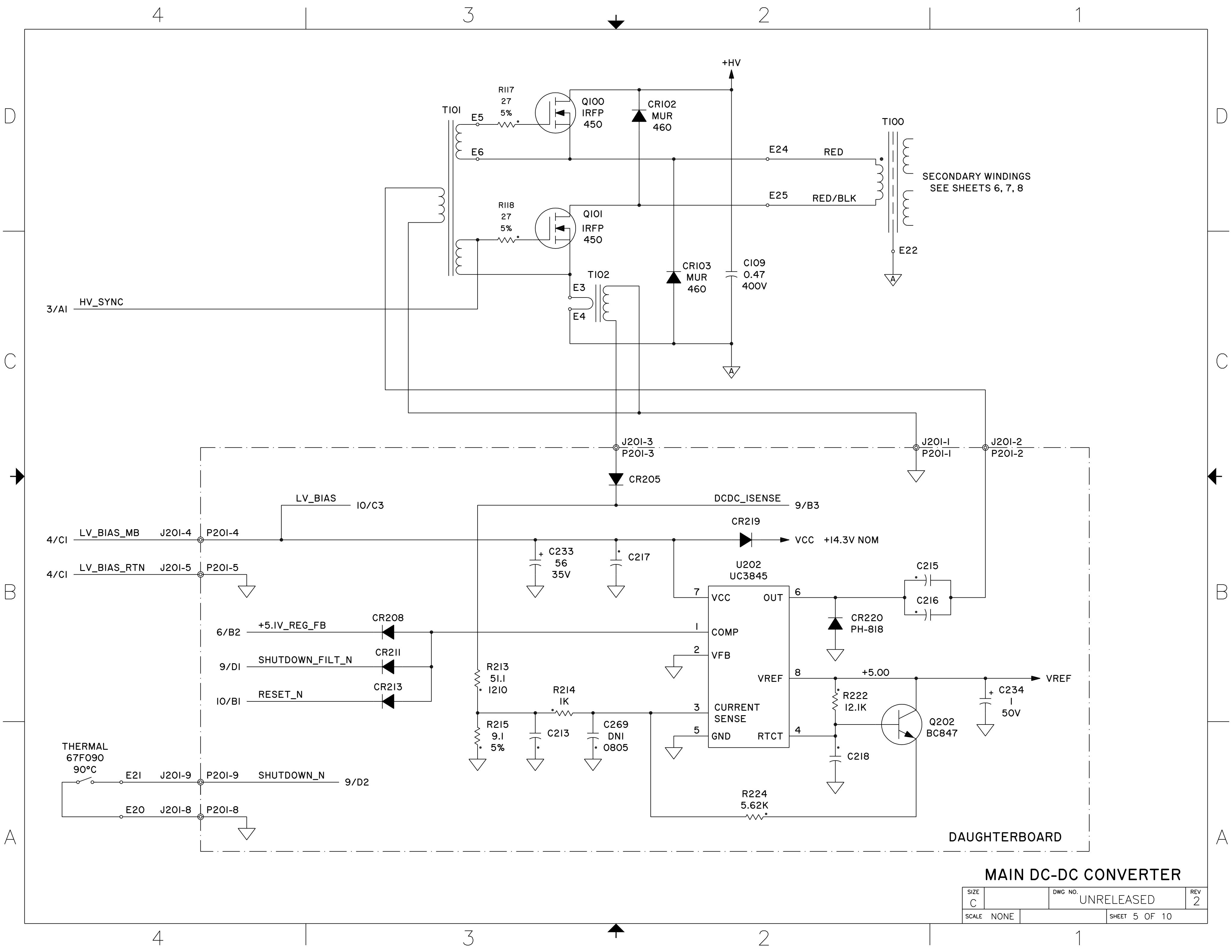
POWER FACTOR CORRECTION

SIZE	C	DWG. NO.	UNRELEASED	REV	2
SCALE	NONE	SHEET	3 OF 10		



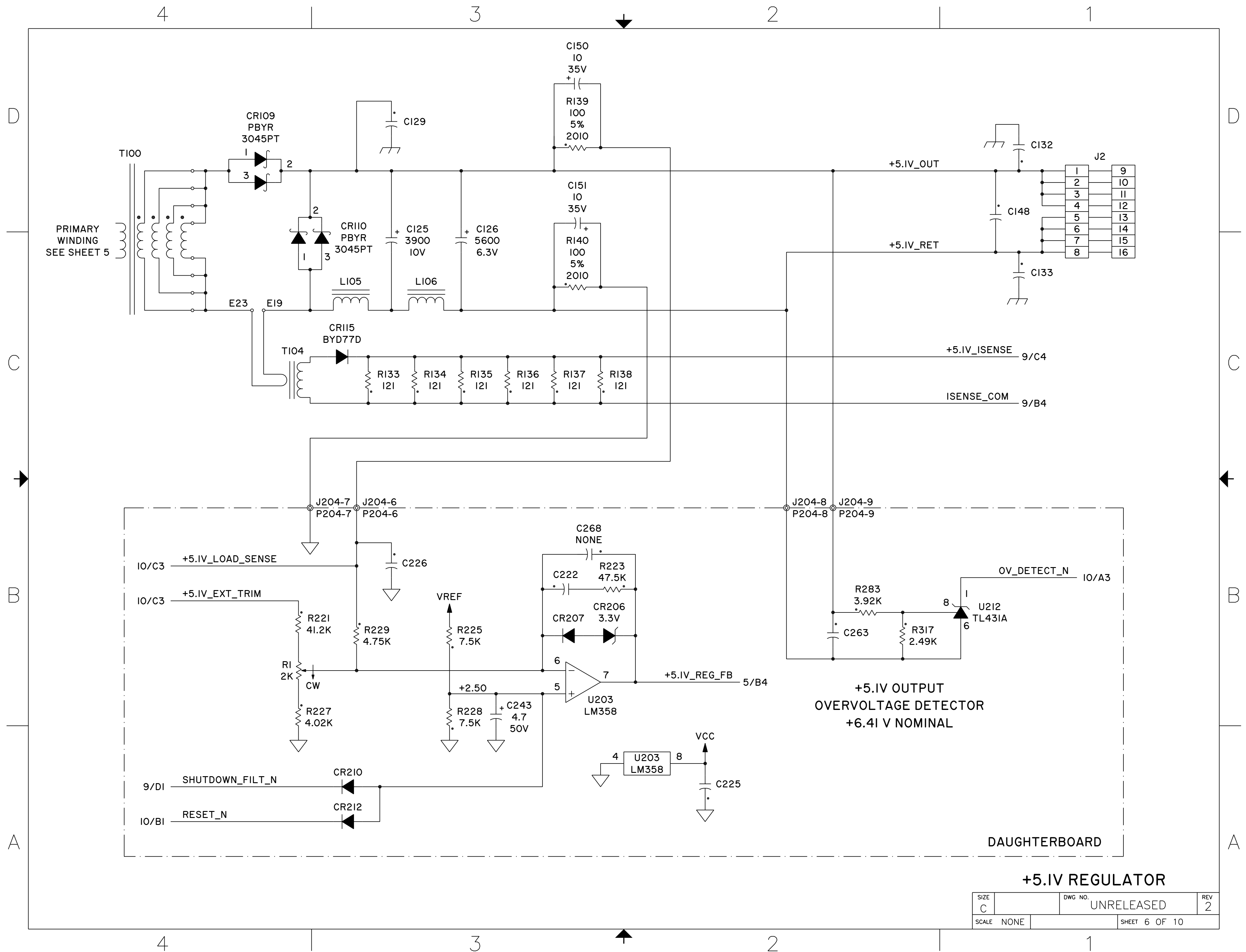
BIAS DC-DC CONVERTER

SIZE	C	DWG. NO.	UNRELEASED	REV	2
SCALE	NONE	SHEET	4 OF 10		



MAIN DC-DC CONVERTER

SIZE C	DWG NO. UNRELEASED	REV 2
SCALE NONE	SHEET 5 OF 10	



D

C

B

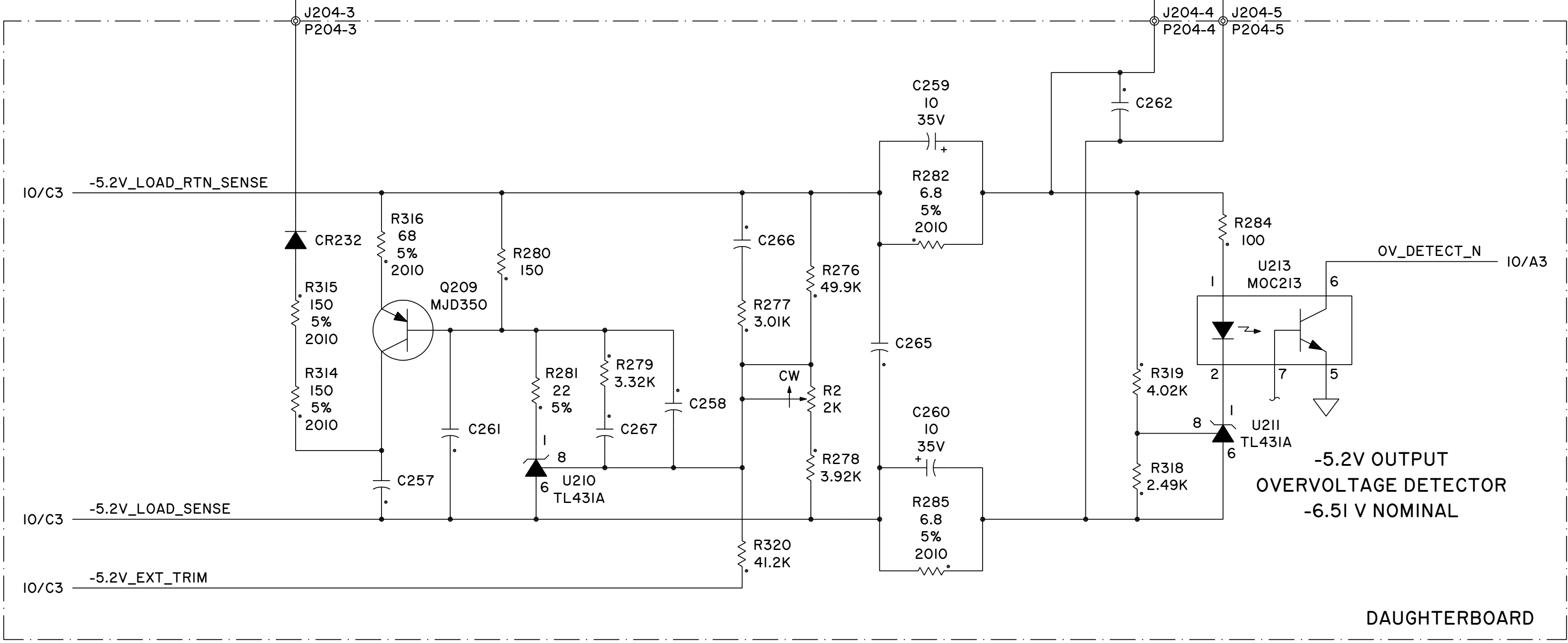
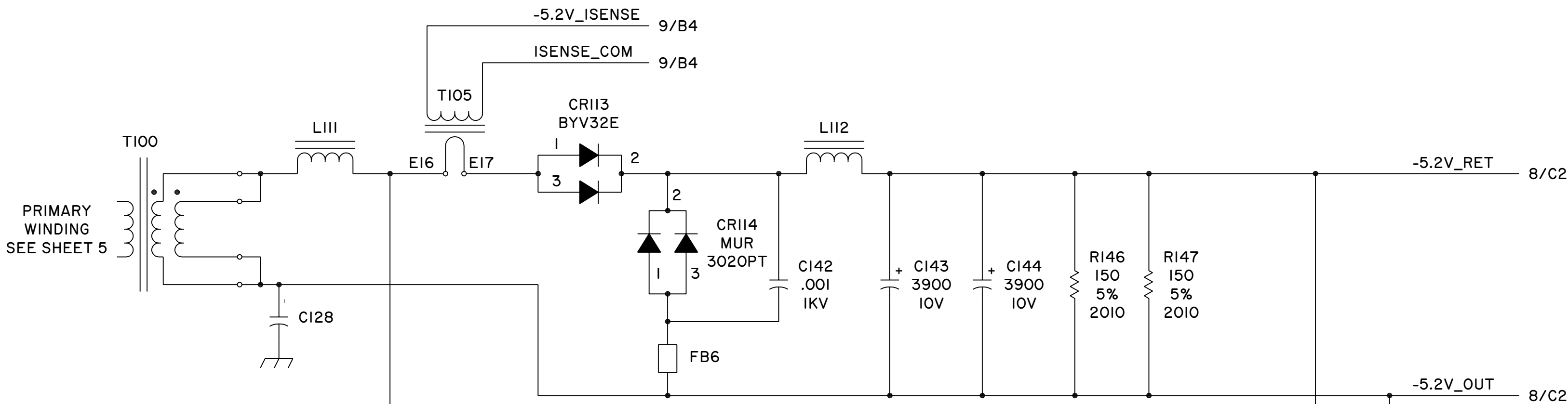
A

D

C

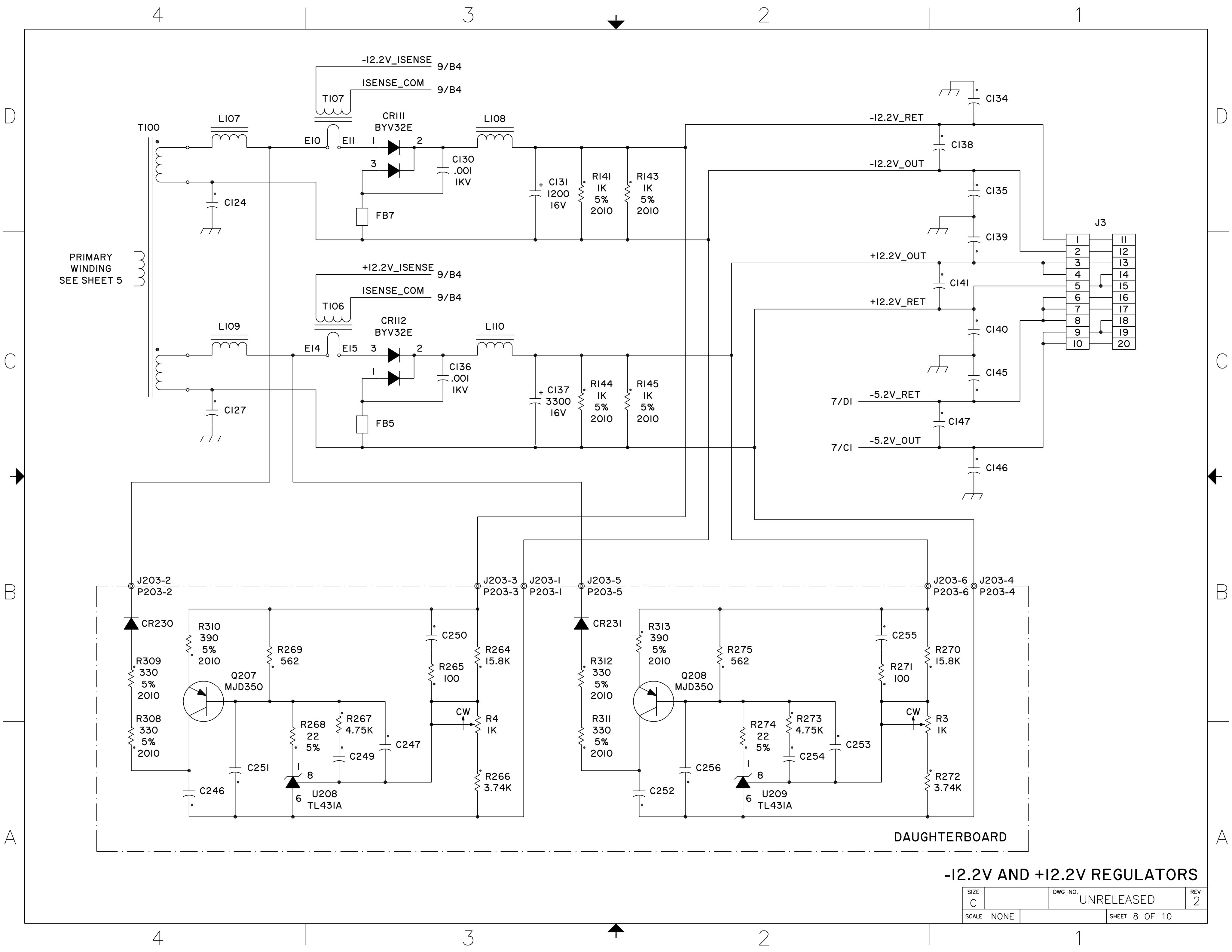
B

A



-5.2V REGULATOR

SIZE	C	DWG. NO.	UNRELEASED	REV	2
SCALE	NONE	SHEET	7 OF 10		



D

C

B

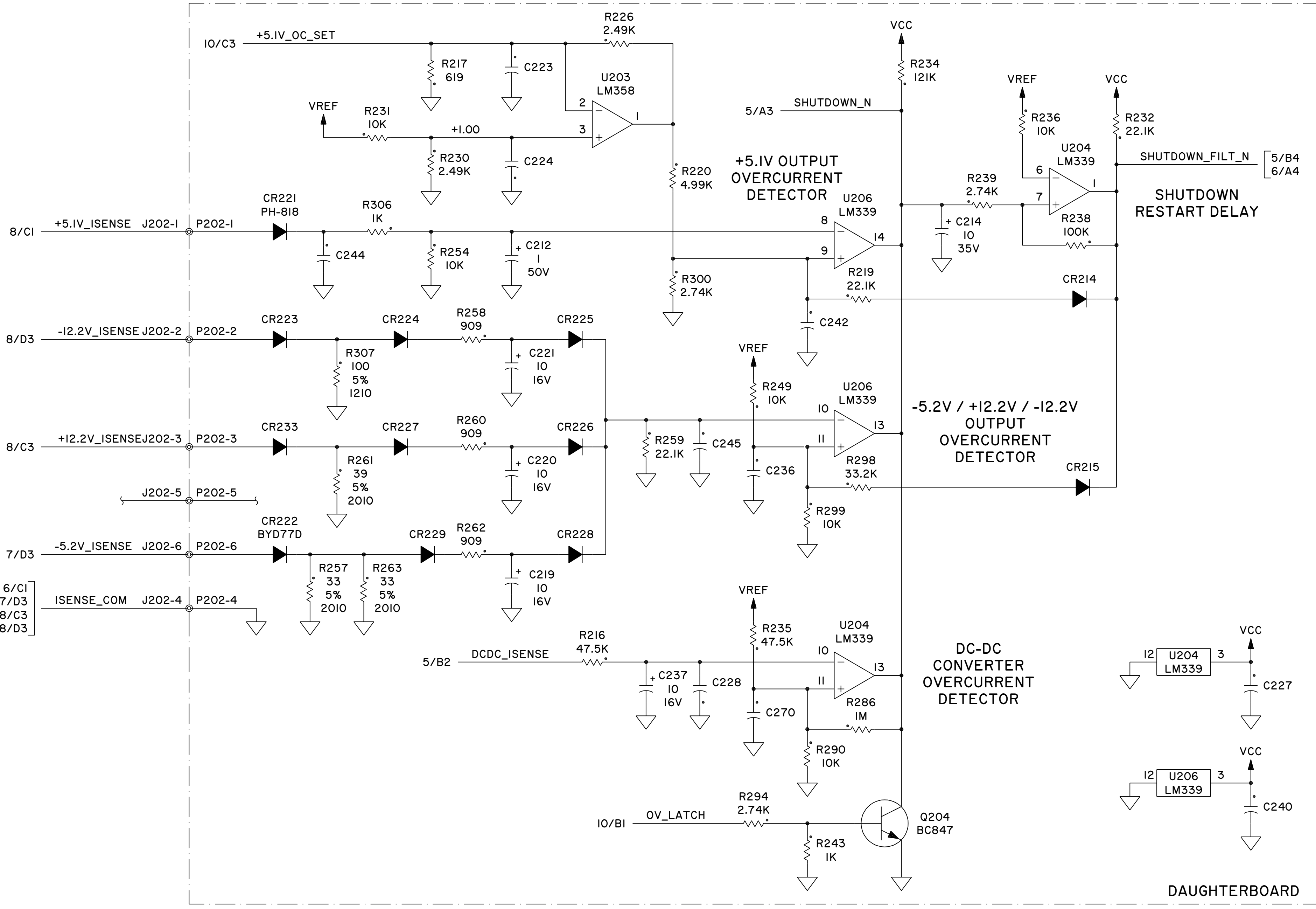
A

D

C

B

A



OVERCURRENT SHUTDOWN

SIZE C	DWG. NO. UNRELEASED	REV 2
SCALE NONE	SHEET 9 OF 10	

D

C

B

A

D

C

B

A

