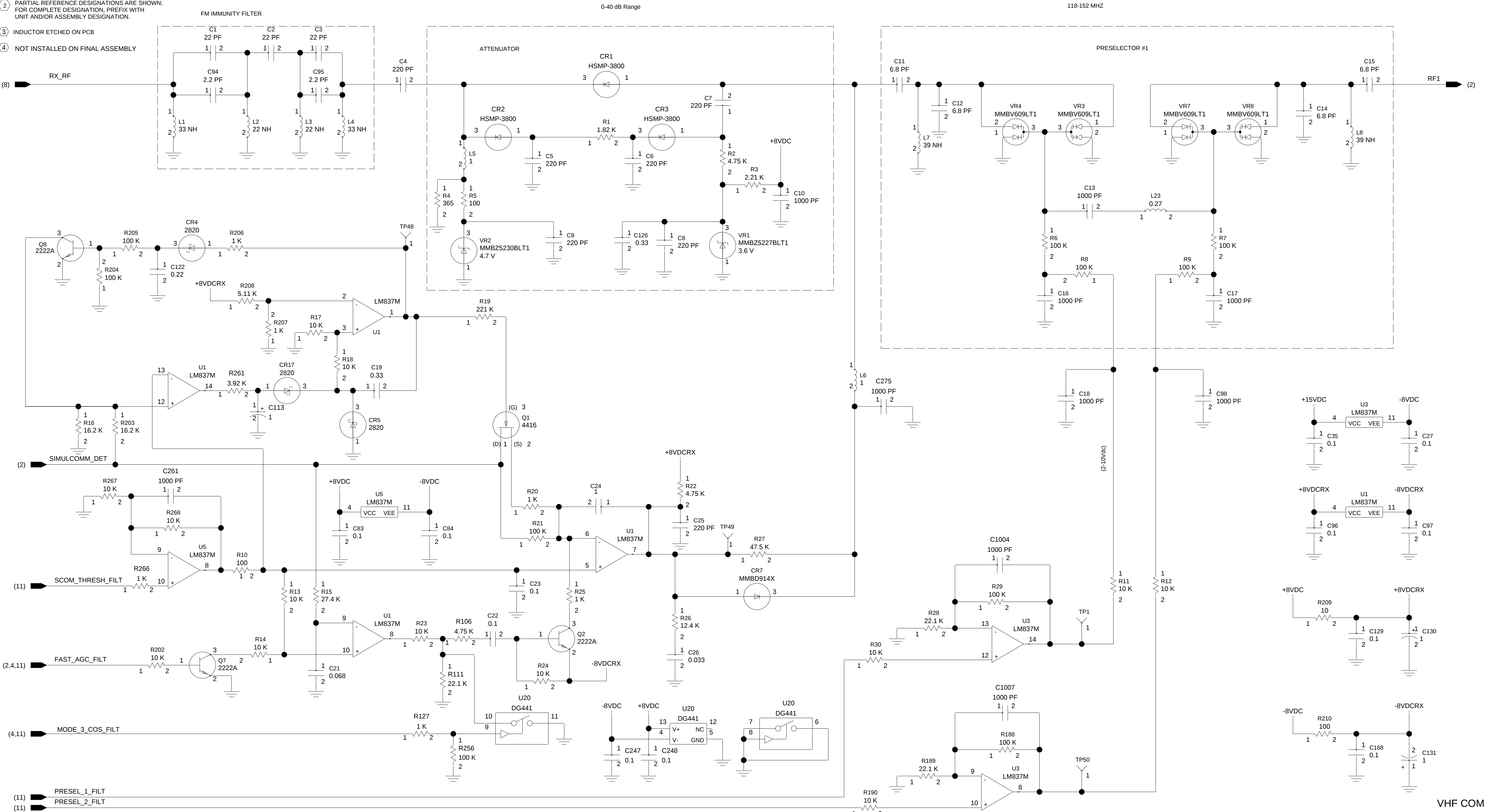


- NOTE:
- 1 UNLESS OTHERWISE SPECIFIED, RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS, AND INDUCTANCE VALUES ARE IN MICROHENRYS.
 - 2 PARTIAL REFERENCE DESIGNATIONS ARE SHOWN; FOR COMPLETE DESIGNATION, PREFIX WITH UNIT AND/OR ASSEMBLY DESIGNATION.
 - 3 INDUCTOR ETCHED ON PCB
 - 4 NOT INSTALLED ON FINAL ASSEMBLY



NOTICE: THIS DOCUMENT CONTAINS TECHNICAL DATA, WHICH MAY BE RESTRICTED FOR EXPORT UNDER THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR) OR THE EXPORT ADMINISTRATION REGULATIONS (EAR). VIOLATIONS OF THESE EXPORT LAWS MAY BE SUBJECT TO FINES AND PENALTIES UNDER THE ARMS EXPORT CONTROL ACT (22 U.S.C. 2778)

COPYRIGHT 2003 ROCKWELL COLLINS, INC. ALL RIGHTS RESERVED.

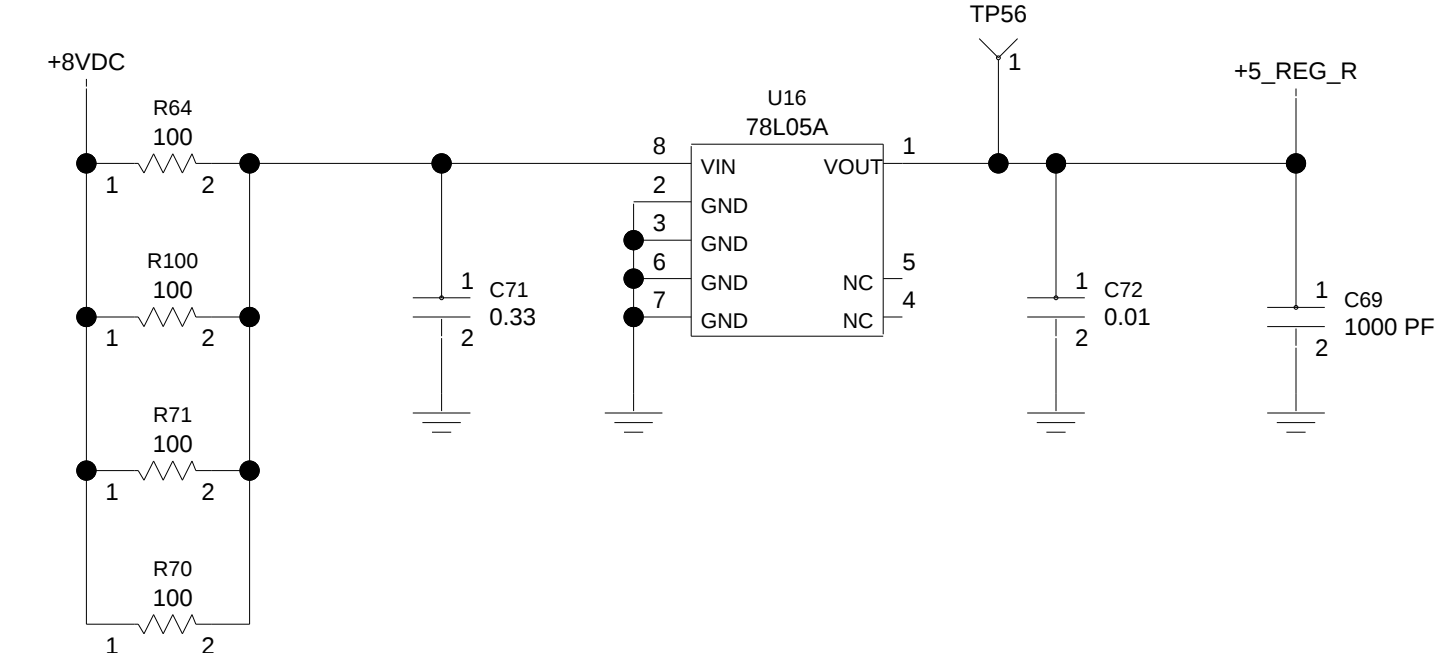
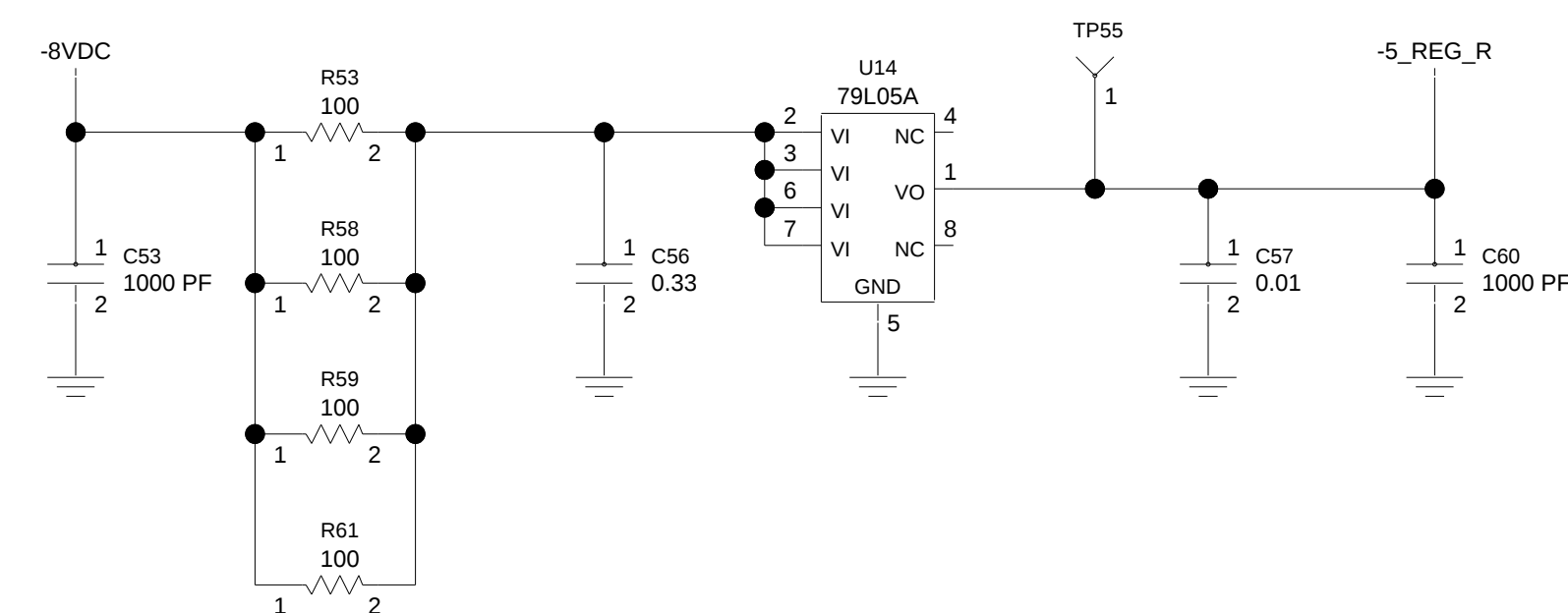
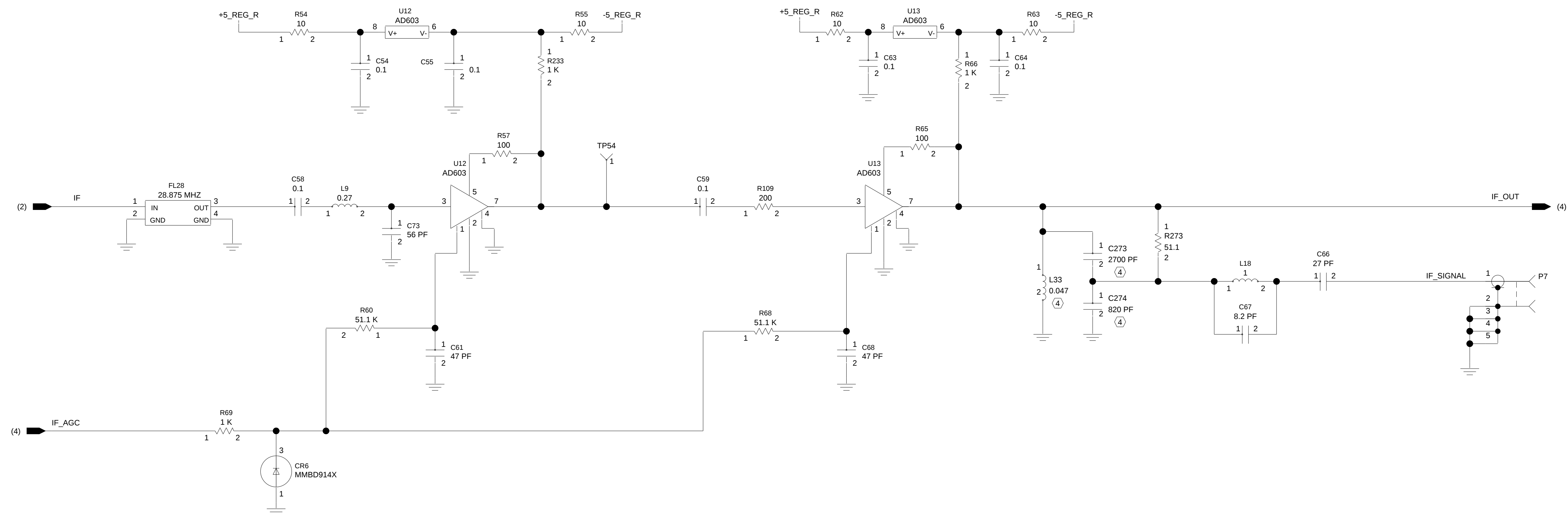
THIS DRAWING IS CREATED FROM DIGITAL DATA

ROCKWELL COLLINS
PROPRIETARY INFORMATION.

PREP	1-09-03	ROCKWELL COLLINS, INC			
S. RUTHERFORD		400 COLLINS RD. NE CEDAR RAPIDS, IA 52498			
CHK	1-09-03	SCHEMATIC DIAGRAM,			
G. RUPPEL		VHF RF			
ENG APVD	1-09-03				
B. LOMBARDI					
NEXT ASSY PART NO.	818-1436-002	SIZE	D	CAGE CODE	4V792
EQUIPMENT TYPE NO.	VHF-920A	DWG NO.	828-6436-002	REV LTR	-
		SCALE	NONE	SHEET 1 OF 11	

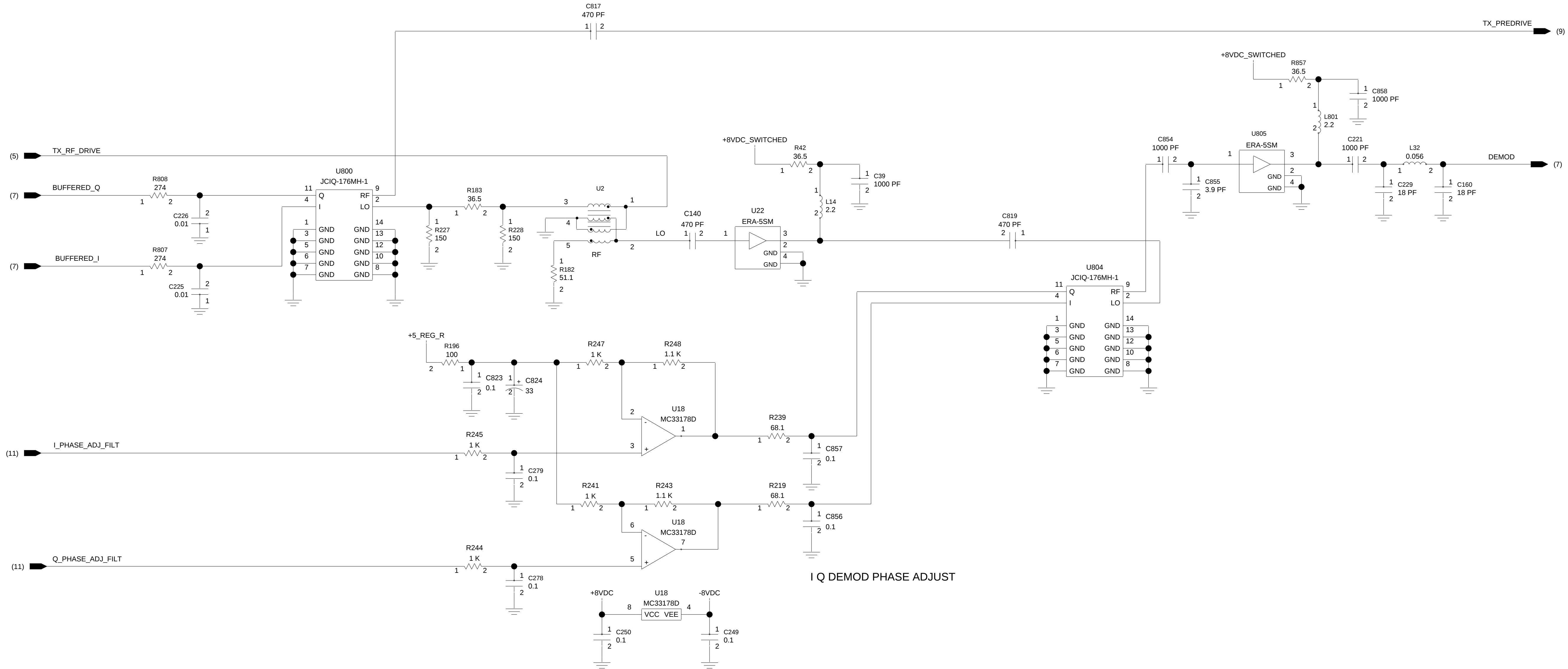
DIGITAL DATA ONLY NO MASTER TRACING

NFP ☐ REL ☒ CR__MB__



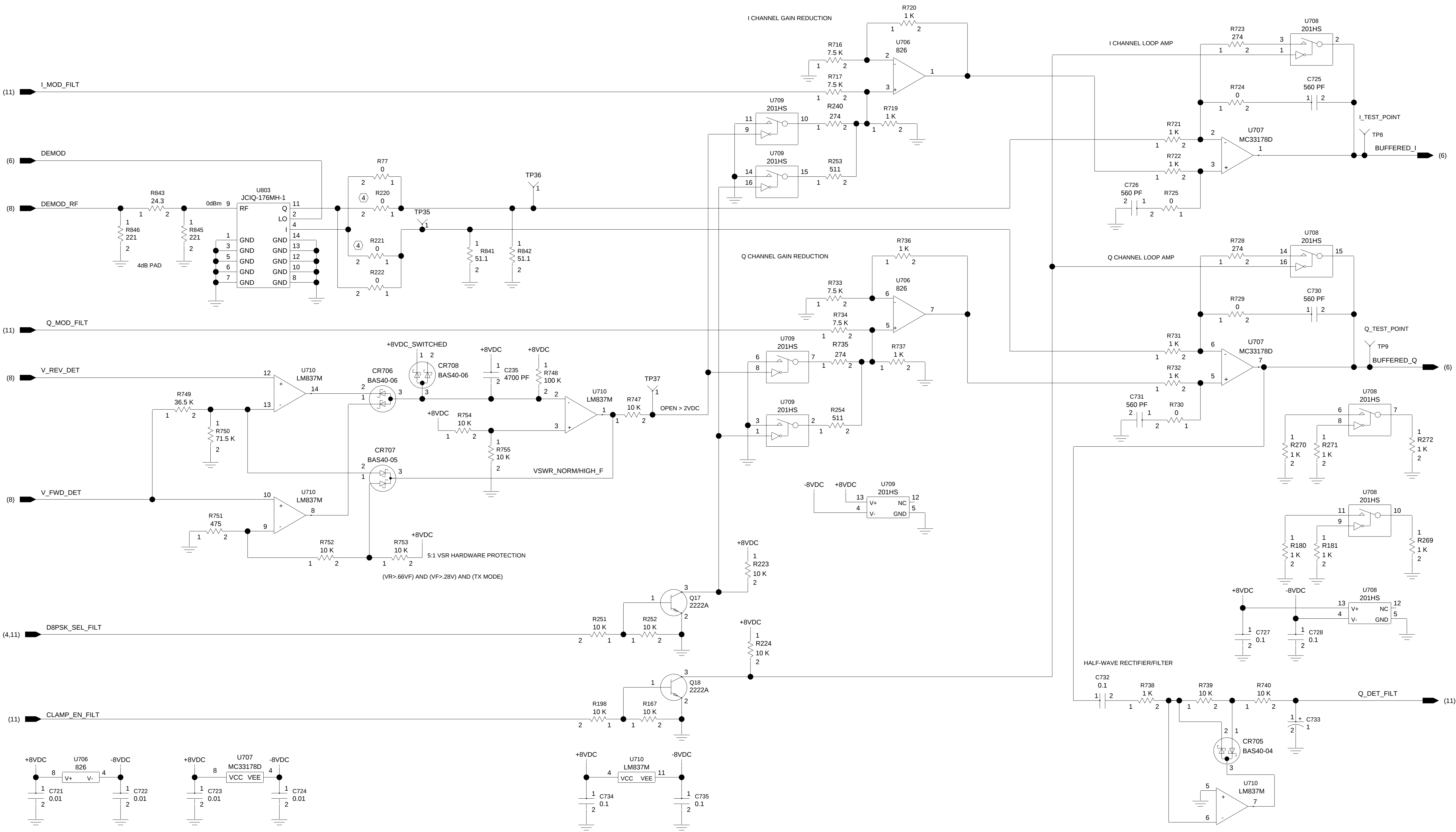
MODE=1 FOR VOICE/ACARS MODE
MODE=0 FOR VDL MODE 2

VHF IF AMPLIFIER



I Q DEMOD PHASE ADJUST

TRANSMITTER



U710 AND CIRCUIT TURNS DOWN POWER IN CASE OF VSWR>5:1 (APPROX.)
Q13 AND Q17 TURN DOWN MAX POWER IN DATA MODE , IN ADDITION TO VSWR SHUTBACK Q18 CLAMPS MOD LOOP TO A LOW DC GAIN

