



Raymarine Limited

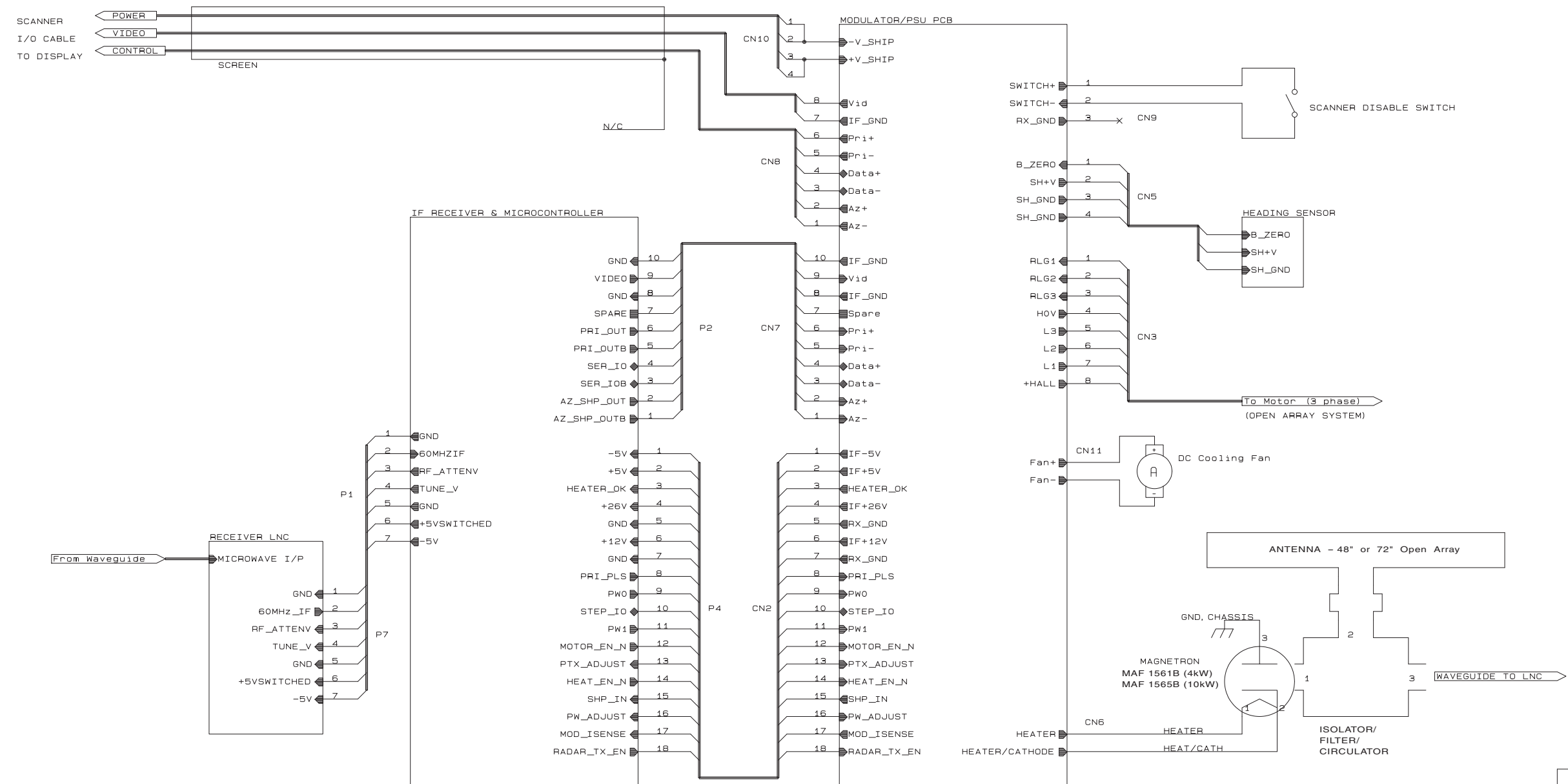
4kW Open Array Radar

FCC ID: PJ5MTX5-S3

Schematics

Index

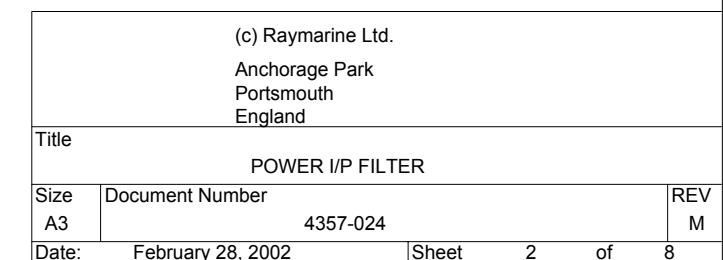
Scanner Interconnect	4357-033	Sht. 1	
Modulator/PSU	4357-024	Sht. 1	Modulator/PSU (Top Level)
		Sht. 2	Power I/P Filter
		Sht. 3	Main PSU
		Sht. 4	Auxiliary PSU
		Sht. 5	Modulator
		Sht. 6	3 Phase DC Brushless Motor Drive
		Sht. 7	Stepper Motor (not fitted)
		Sht. 8	Ship's Heading Interface
Low Noise Converter (LNC)	4346-028	Sht. 1	
IF Receiver	4346-026	Sht. 1	IF Receiver (Top Level)
		Sht. 2	Control Interface
		Sht. 3	IF Strips
		Sht. 4	IF Log Det/Video
		Sht. 5	STC Generator
		Sht. 6	Scanner Micro

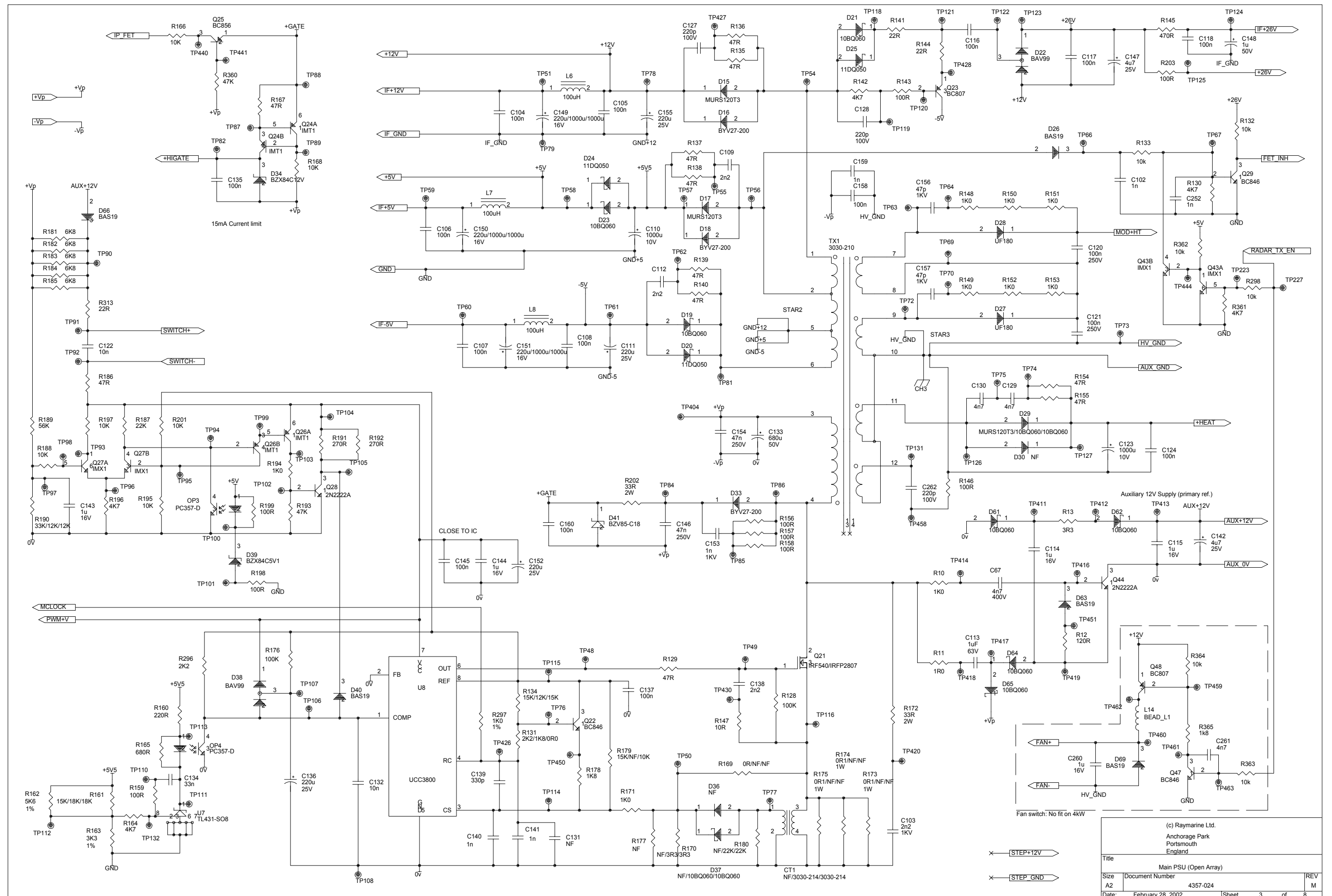


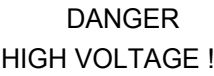
TOP-LEVEL OPEN ARRAY SCANNER INTERCONNECT

C	Scanner compliance	1-10-02
B	Update for 10kW Open Array	8-12-99
A	Original Issue	12-5-99
ISS	Description of Change	Date

Raytheon Marine Europe Anchorage Park Portsmouth Hants. PO3 5TD England		
Title Pathfinder Open Array Scanner Interconnect		
Size Document Number		REV
A2	4357-033	B
Date: December 8, 1999 Sheet 1 of 1		



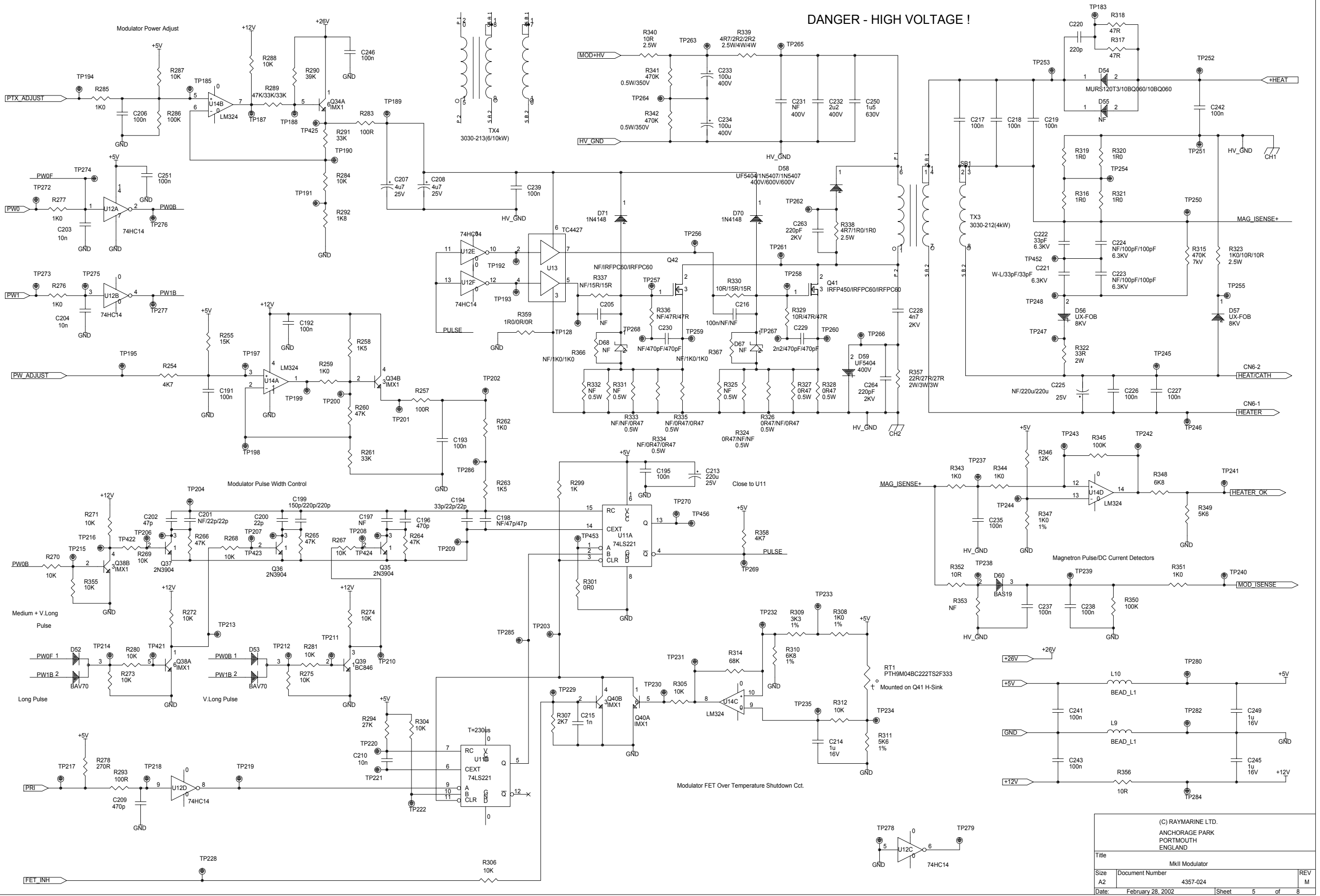




All parts on this sheet are NOT FITTED to the 4kW unit except :-

R242, R248, R250, R252

DANGER - HIGH VOLTAGE !



STEP_+12V

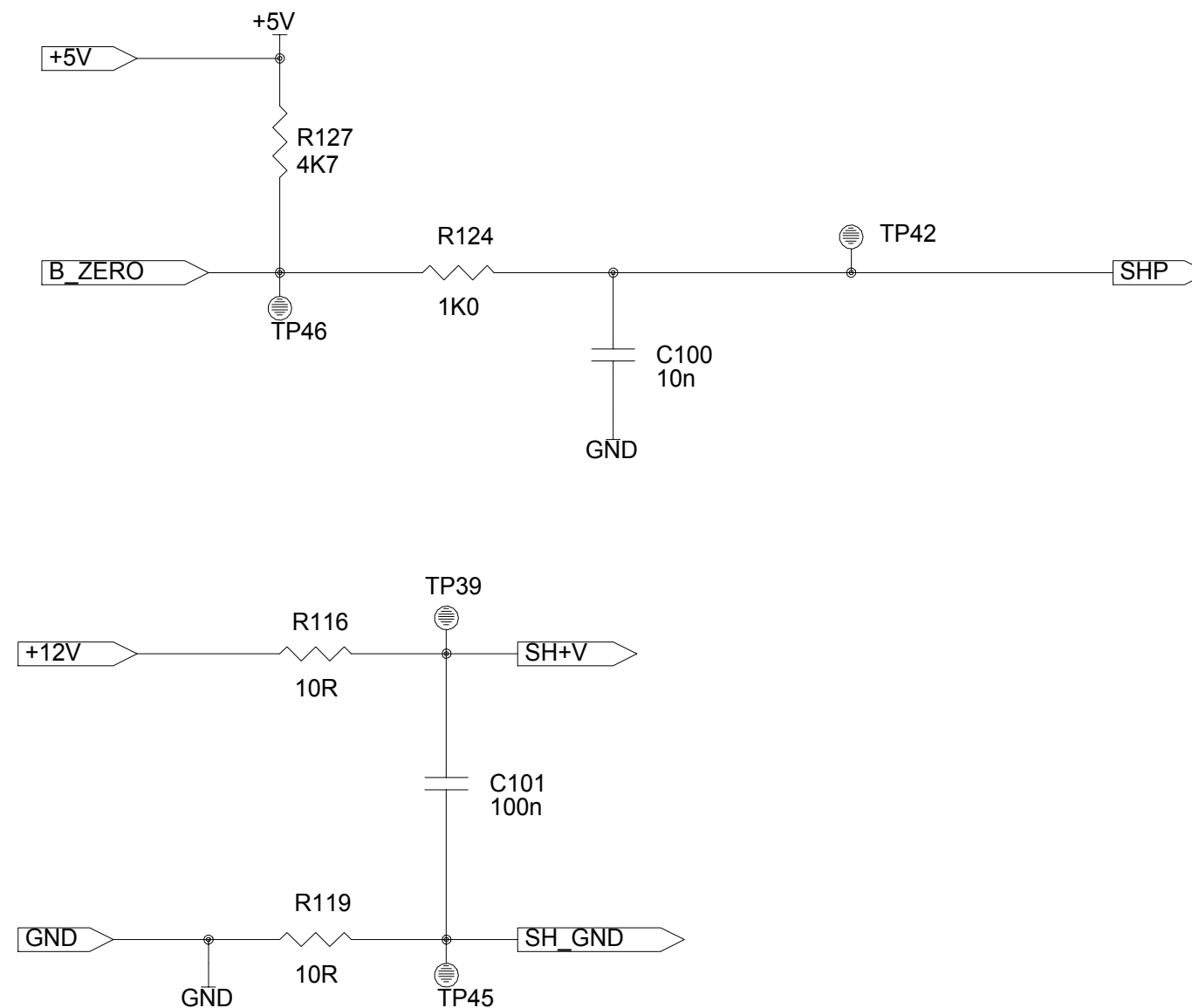
STEP+5V

STEP_IO

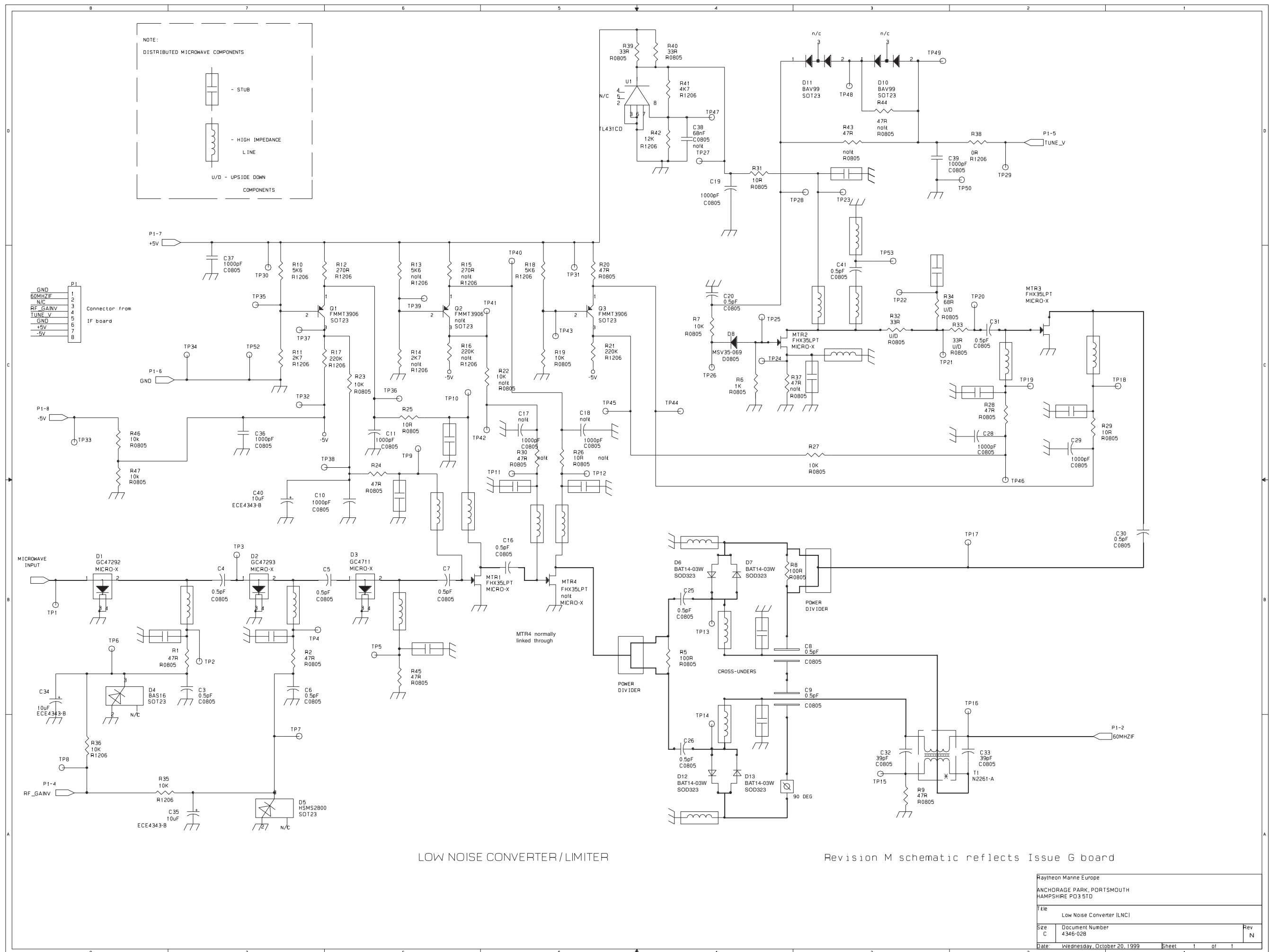
MOTOR_EN_N

STEP_GND

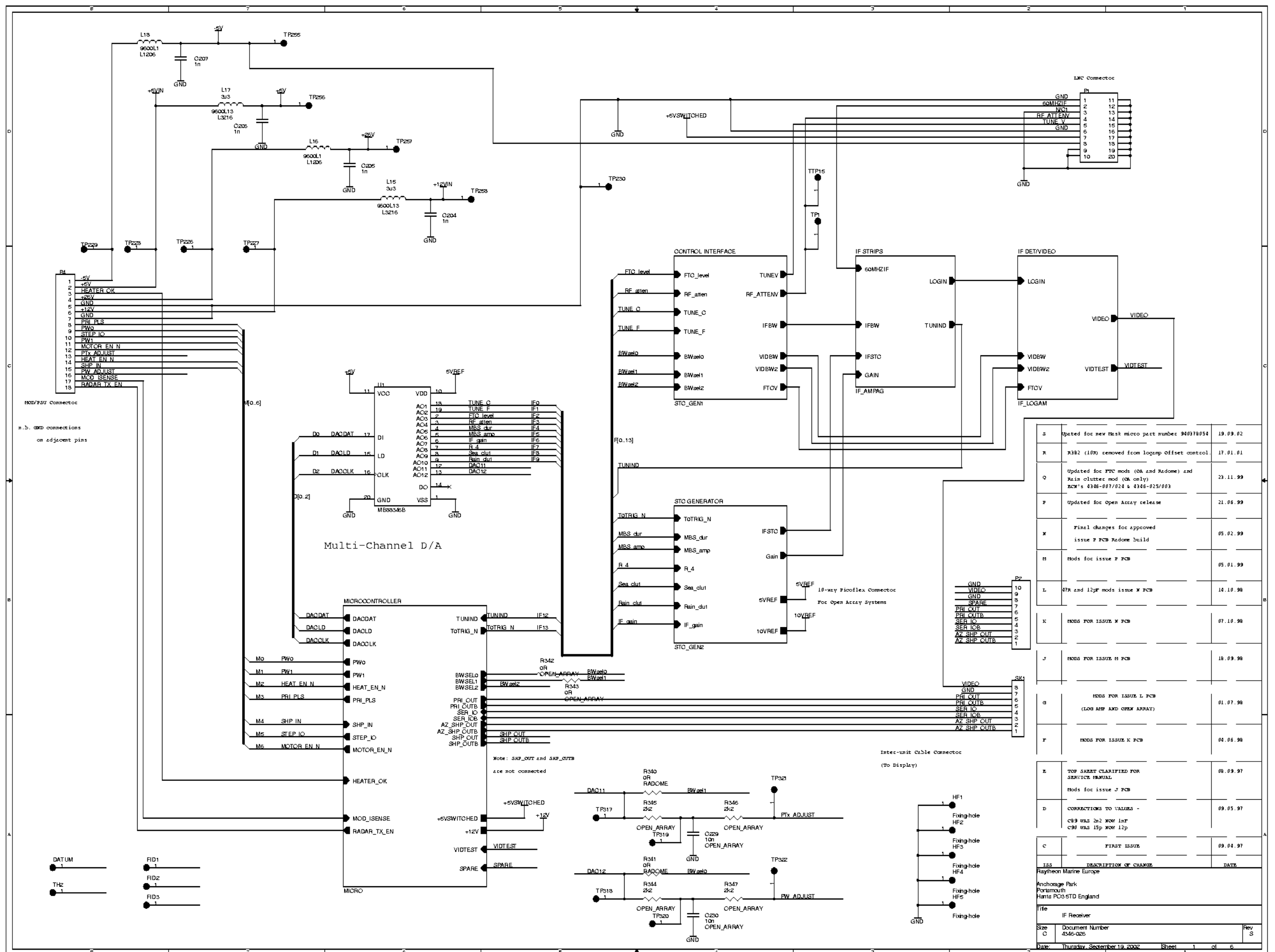
(C) RAYMARINE LTD. ANCHORAGE PARK PORTMOUTH ENGLAND		
Title Stepper Motor (Not Fit - Radome Only)		
Size A4	Document Number 4357-024	REV M
Date:	February 28, 2002	Sheet 7 of 8

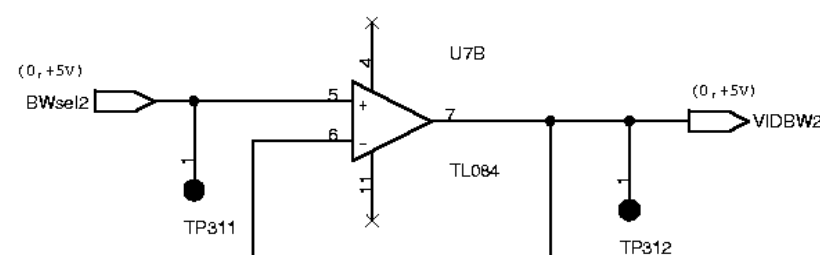
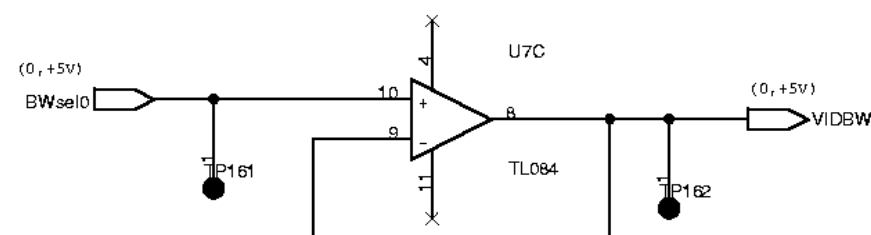
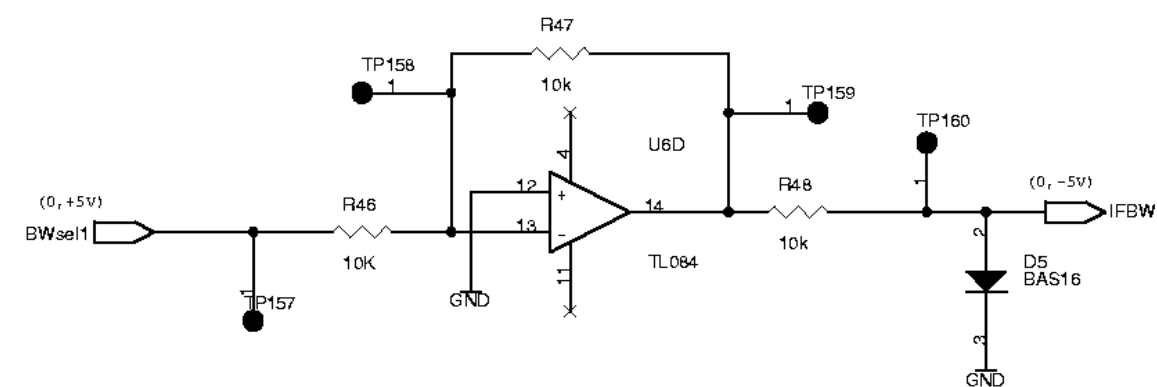
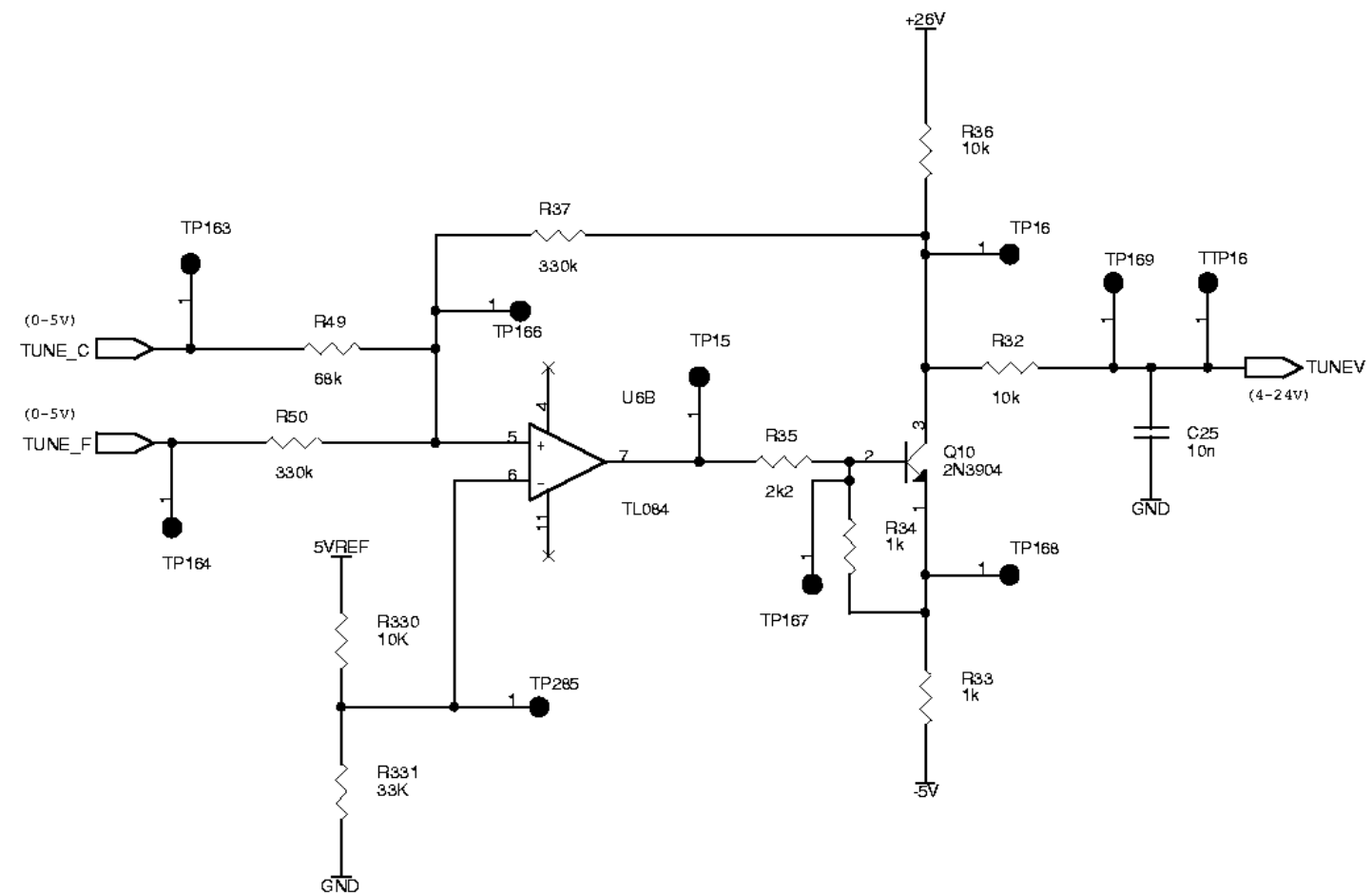
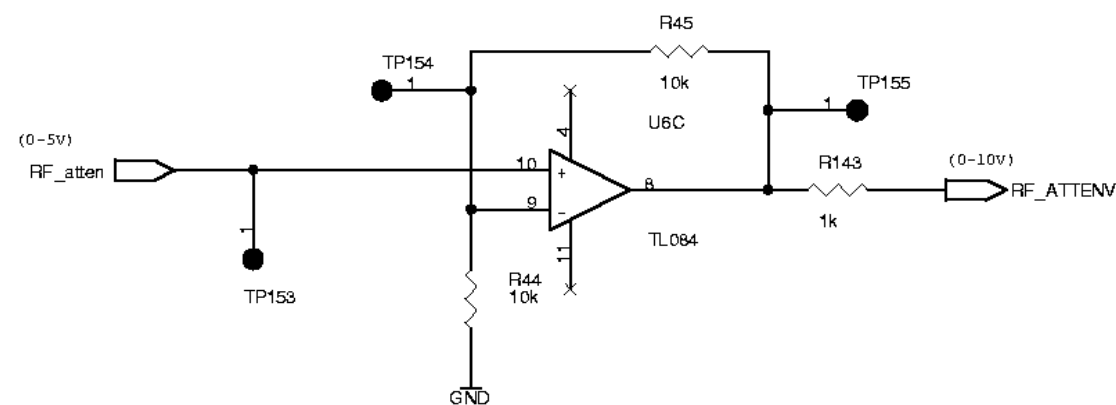
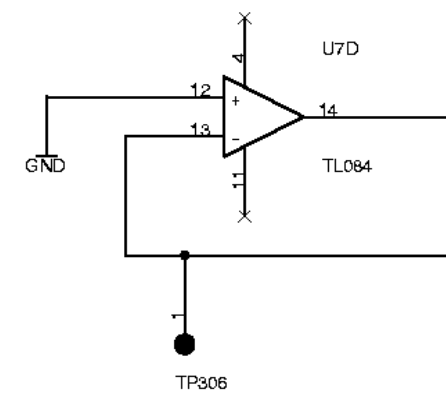
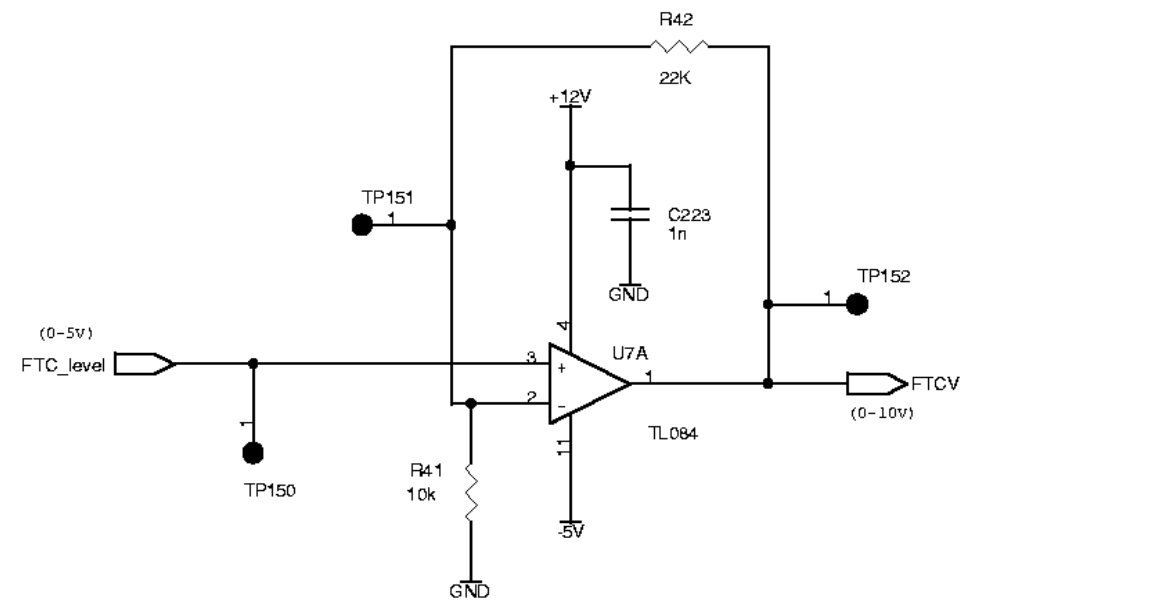


(C) RAYMARINE LTD. ANCHORAGE PARK PORTMOUTH ENGLAND		
Title Ships Heading Interface (Open Array)		
Size A4	Document Number 4357-024	REV M
Date:	February 28, 2002	Sheet 8 of 8



Raytheon Marine Europe		
ANCHORAGE PARK, PORTSMOUTH HAMPSHIRE PO3 5TD		
Title		
Low Noise Converter (LNC)		
Size	Document Number	Rev
C	4346-028	N
Date: Wednesday, October 20, 1999		
Sheet 1 of 1		





Raytheon Marine Europe		
Anchorage Park Portsmouth Hants PO3 5TD England		
Title Control Interface		
Size B	Document Number 4346-026	Rev S
Date: Thursday, September 19, 2002	Sheet 2	of 6

