



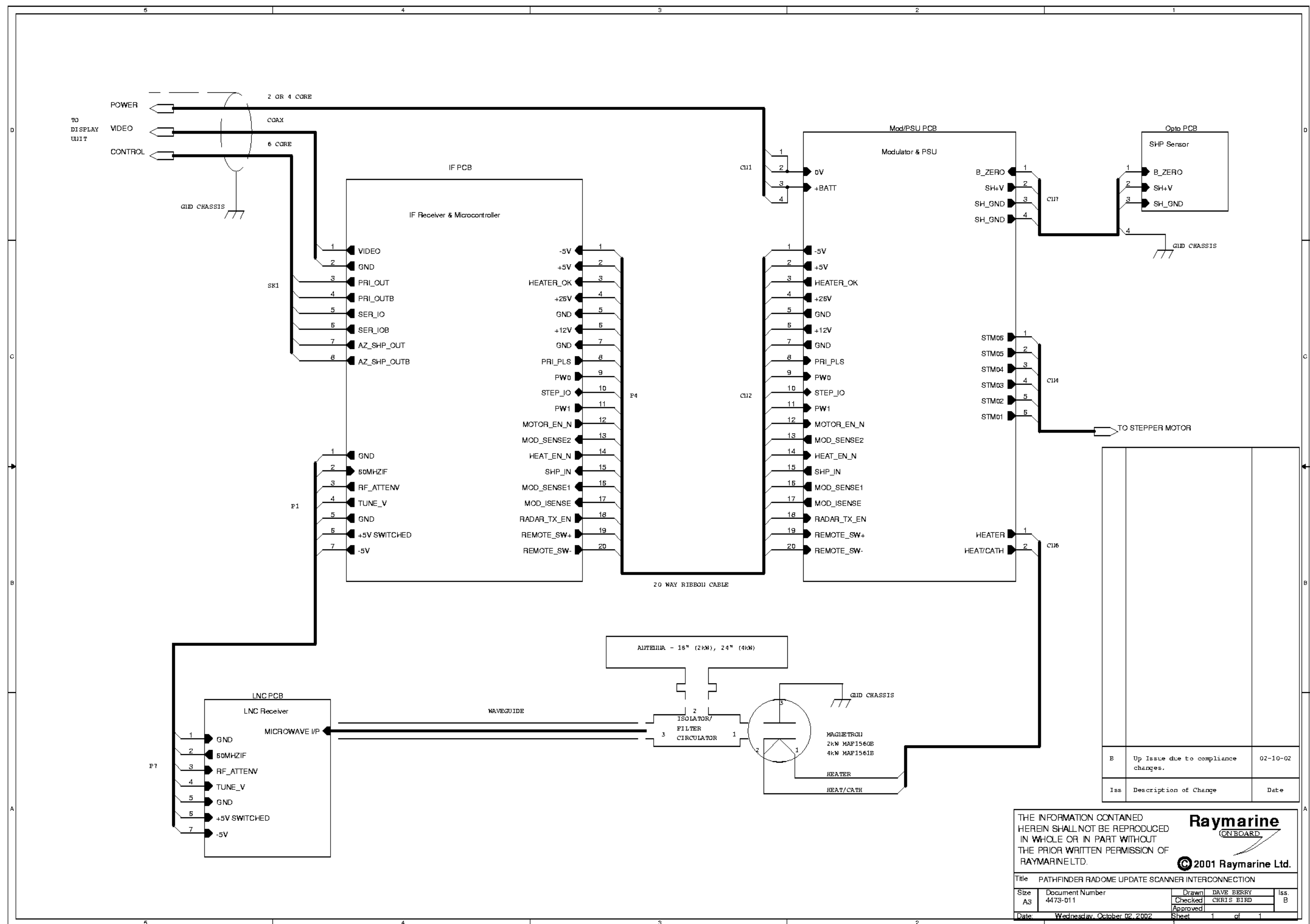
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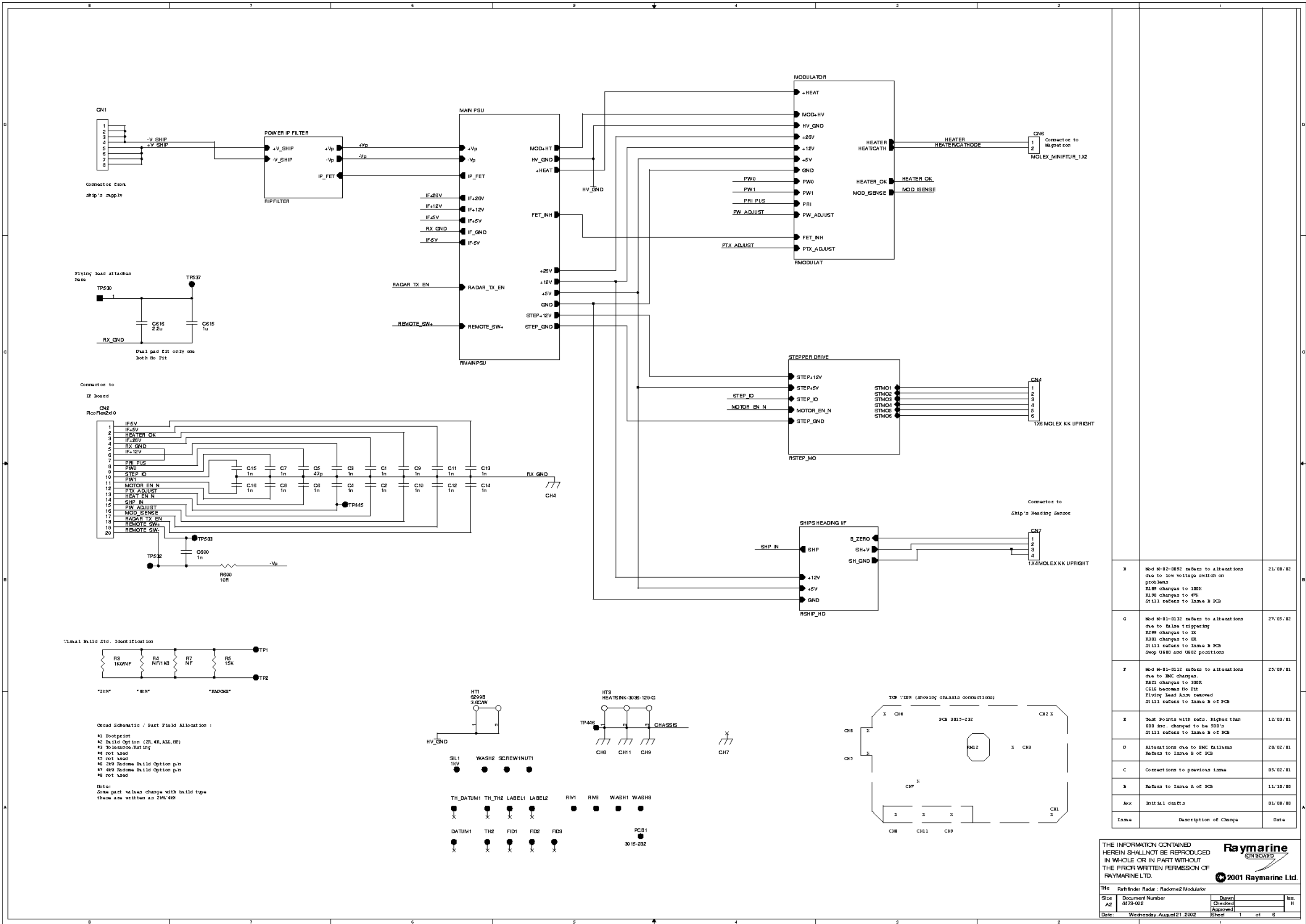
2kW and 4kW Radome Radars

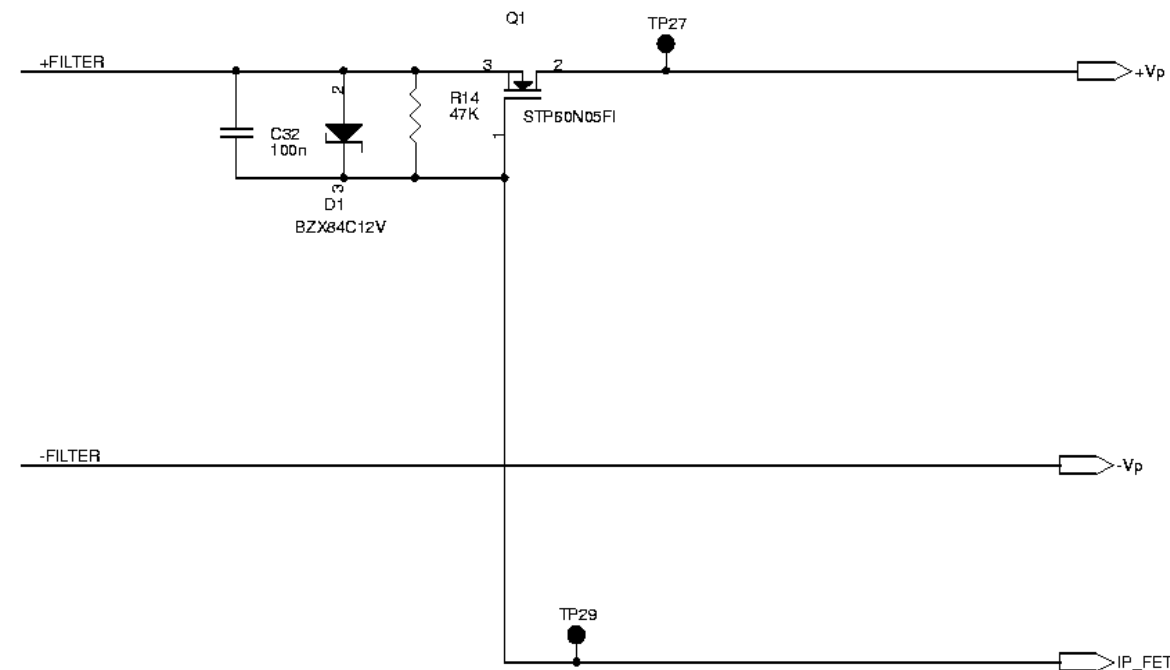
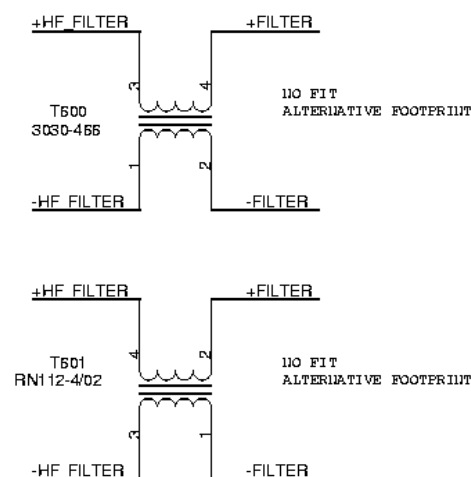
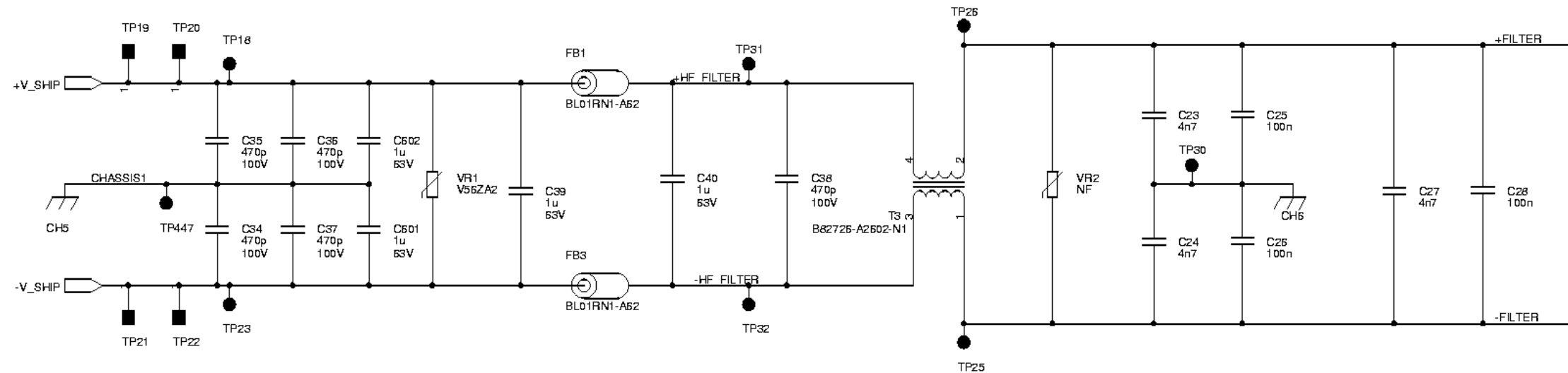
FCC ID: PJ5MTX2-S3 & PJ5MTX4-S3 respectively

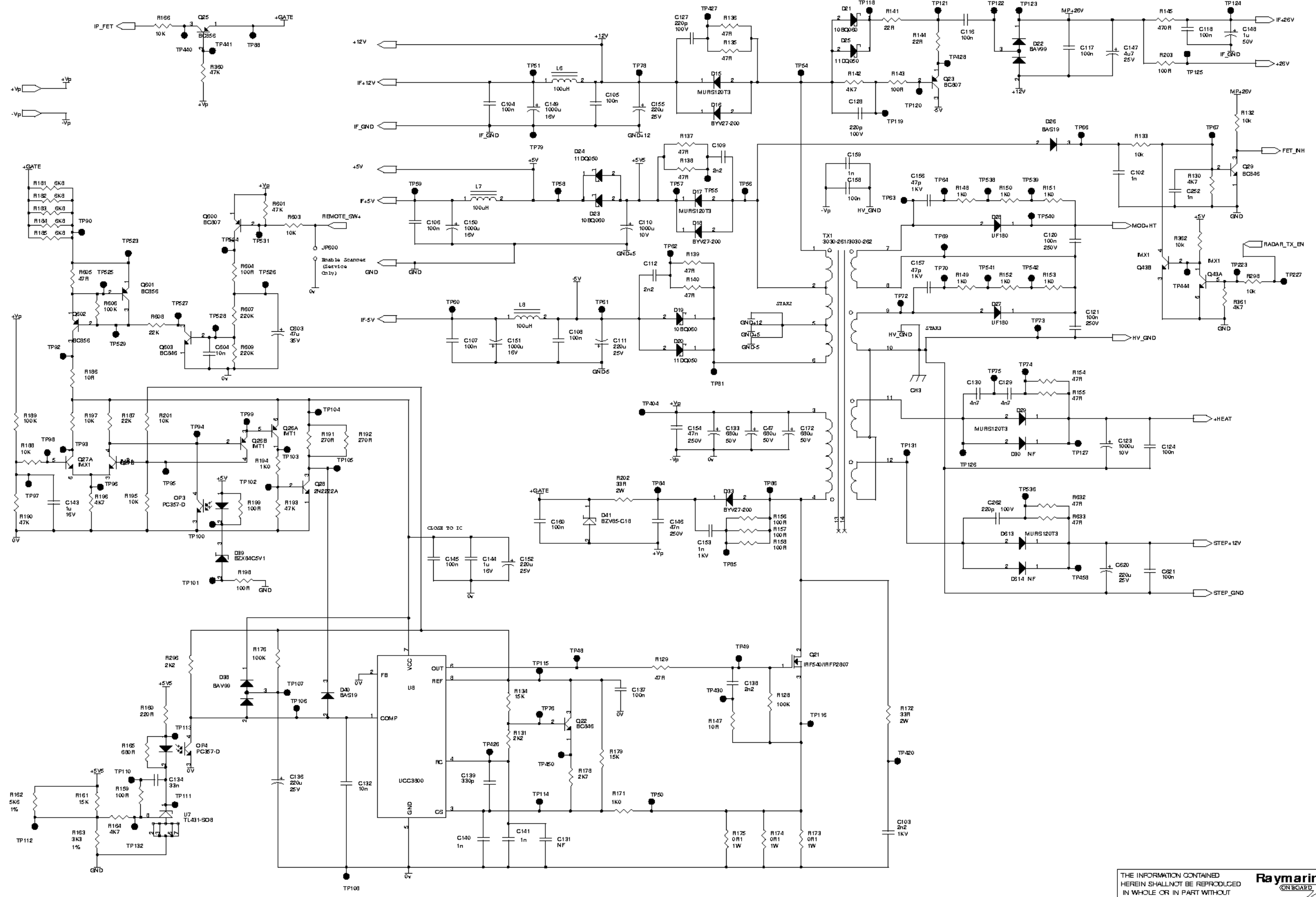
Schematics

| Index                     |          |        |                           |
|---------------------------|----------|--------|---------------------------|
| Scanner Interconnect      | 4473-011 | Sht. 1 |                           |
| Modulator/PSU             | 4473-002 | Sht. 1 | Modulator/PSU (Top Level) |
|                           |          | Sht. 2 | Power I/P Filter          |
|                           |          | Sht. 3 | Main PSU                  |
|                           |          | Sht. 4 | Modulator                 |
|                           |          | Sht. 5 | Ships Heading Interface   |
|                           |          | Sht. 6 | Stepper Motor             |
| Low Noise Converter (LNC) | 4346-028 | Sht. 1 |                           |
| IF Receiver               | 4473-004 | Sht. 1 | IF Receiver (Top Level)   |
|                           |          | Sht. 2 | IF Strips                 |
|                           |          | Sht. 3 | IF Log Det/Video          |
|                           |          | Sht. 4 | Scanner Micro             |
|                           |          | Sht. 5 | Control Interface         |
|                           |          | Sht. 6 | STC Generator             |

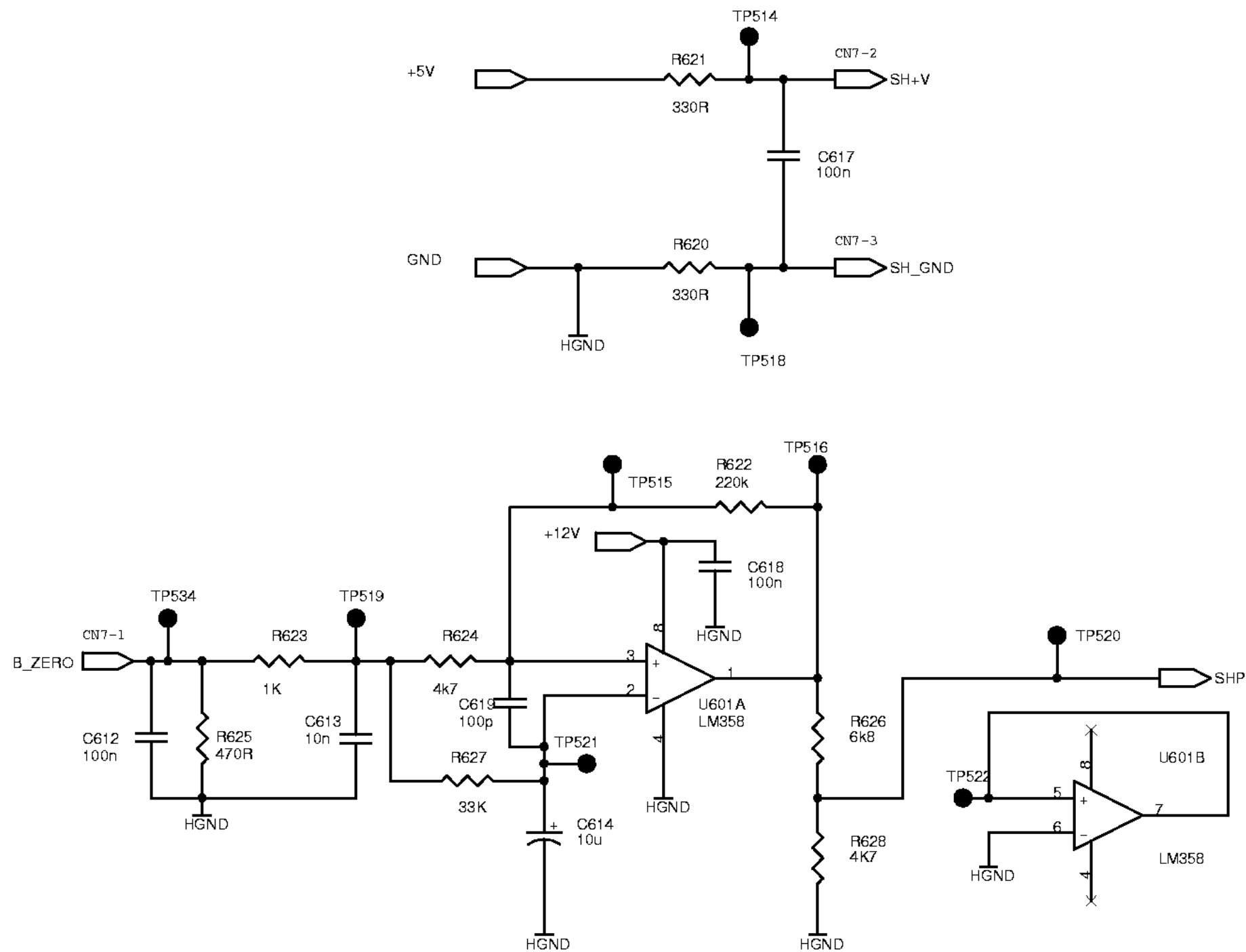












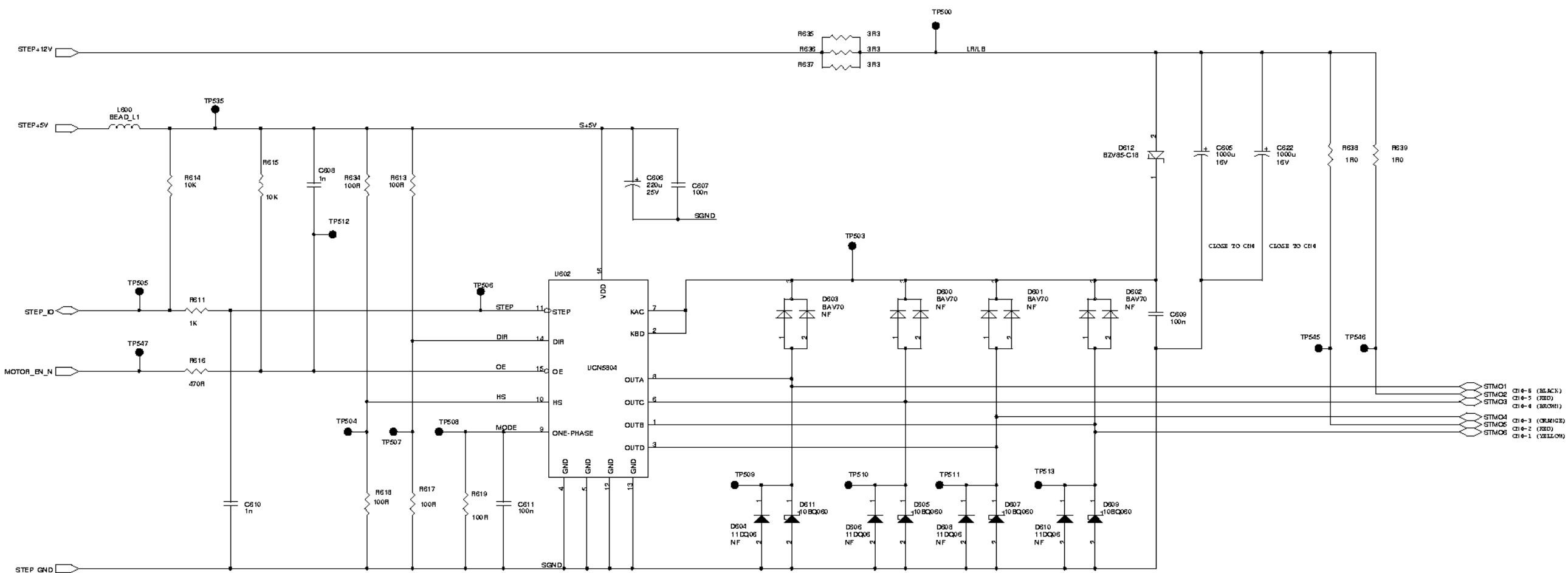
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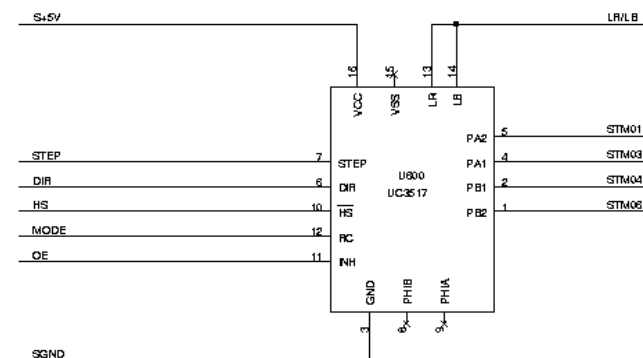
Title Ships Heading Interface

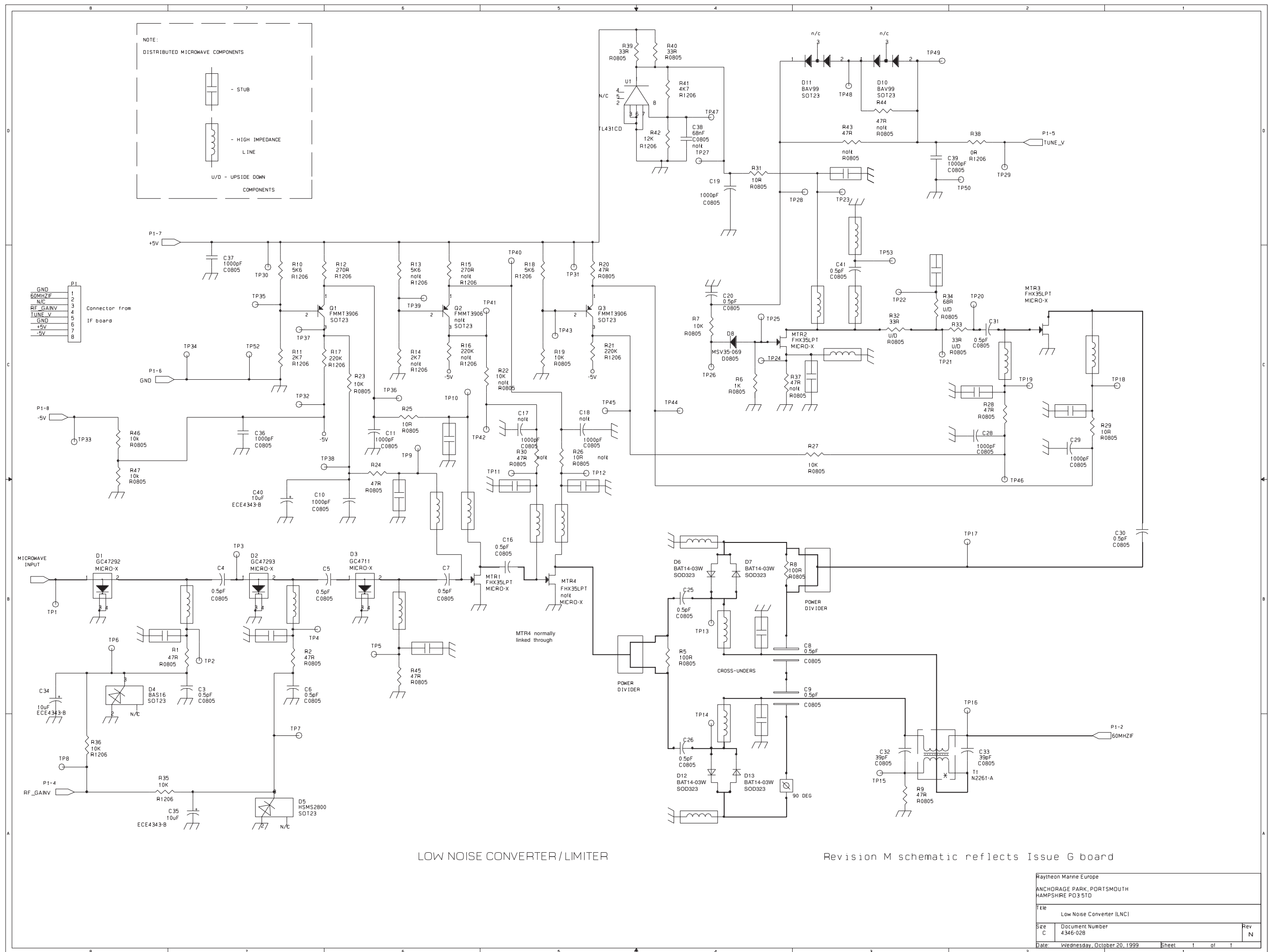
|                                  |                             |                              |           |
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| Size<br>A4                       | Document Number<br>4473-002 | Drawn<br>Checked<br>Approved | Iss.<br>H |
| Date: Wednesday, August 14, 2002 | Sheet 5 of 6                |                              |           |



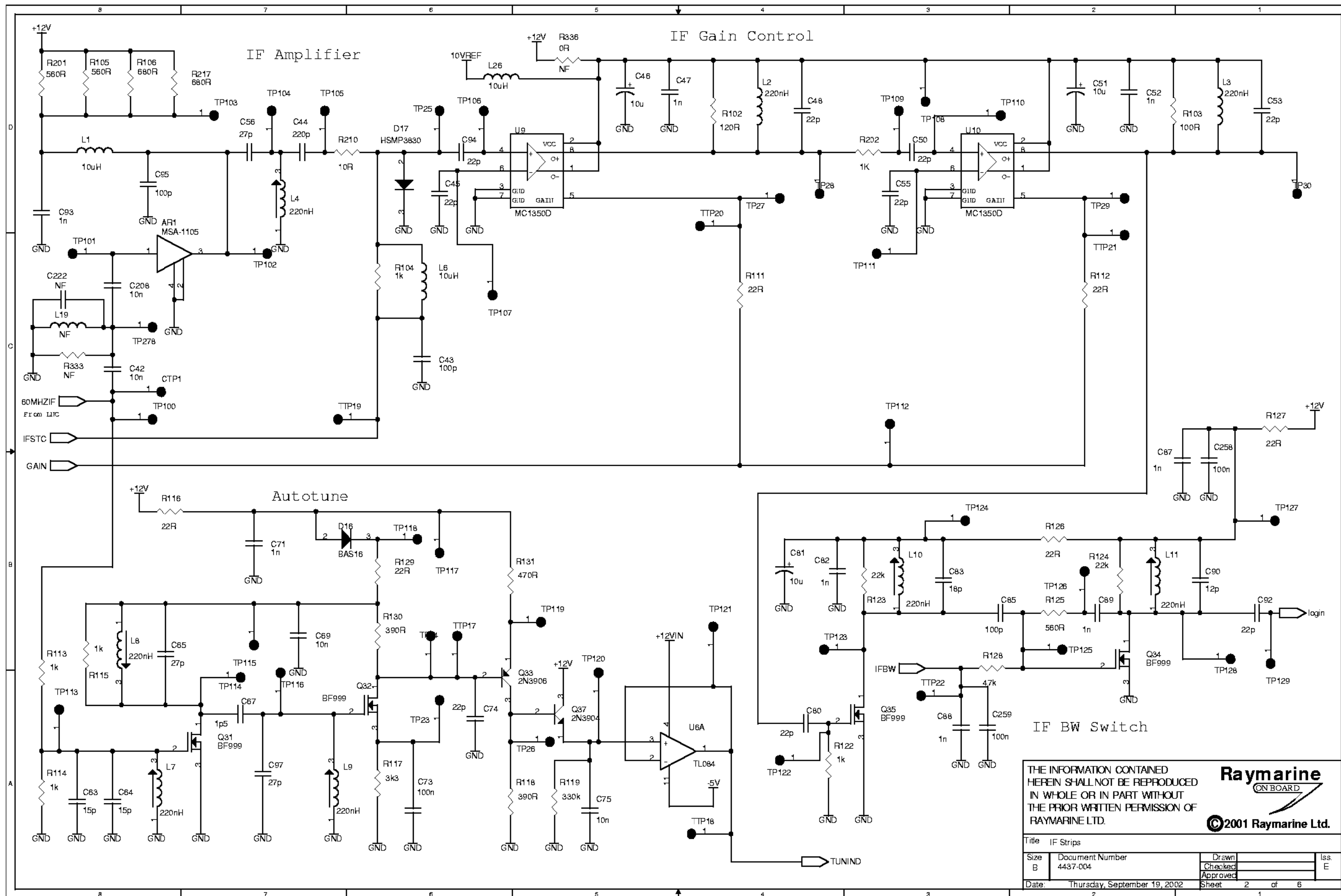
Alternative Stepper Motor Driver: UC1817.

Change Parts as follows :-  
 Fit U602 in place of U601.  
 R617, R618 fit 100R  
 R619, R620 fit 100R  
 D601, D602, D603 fit 1N4148  
 R619 fit 47K  
 C511 fit 100n







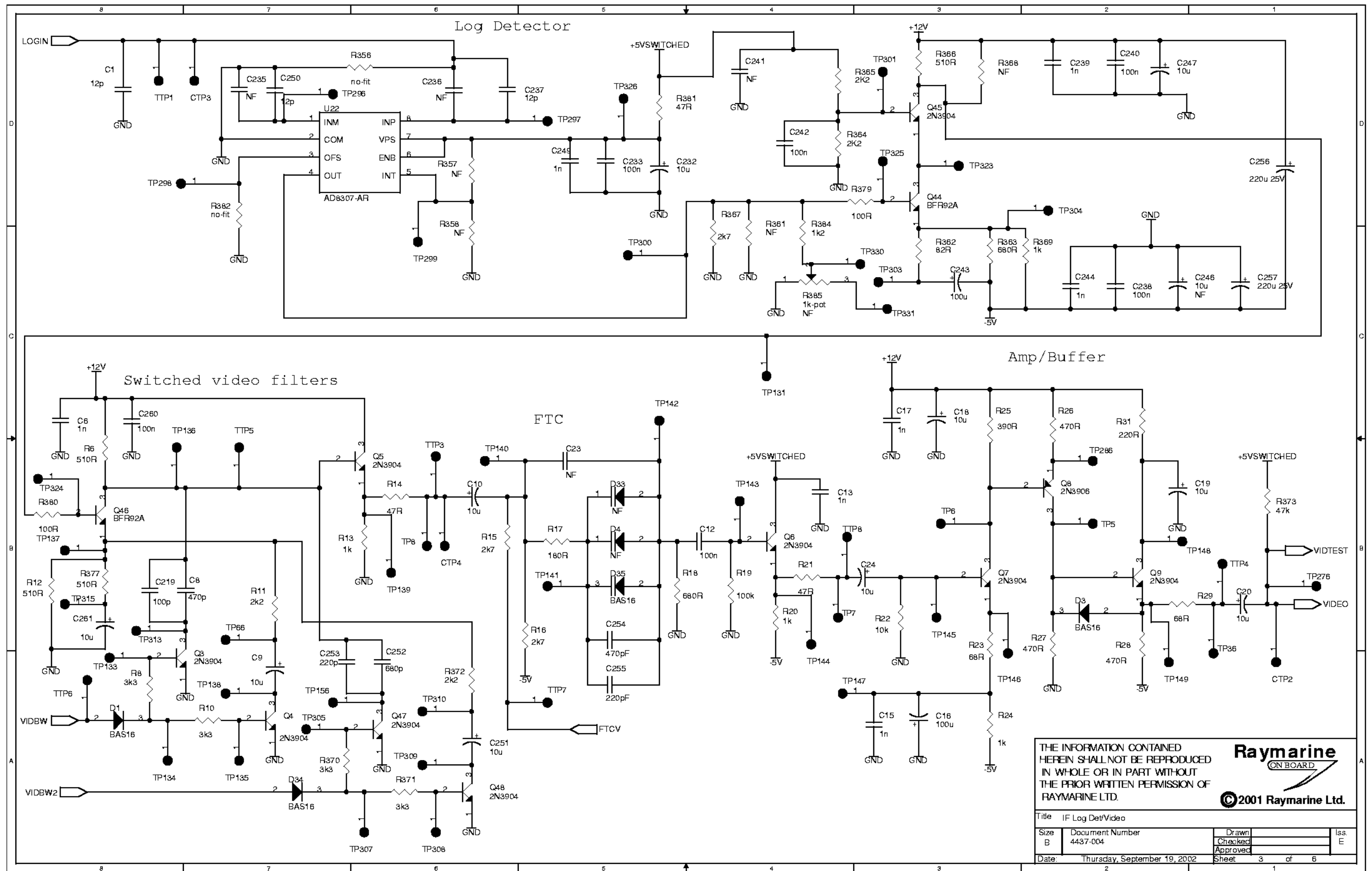


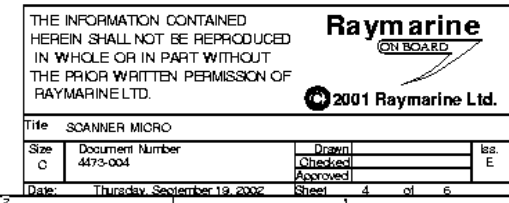
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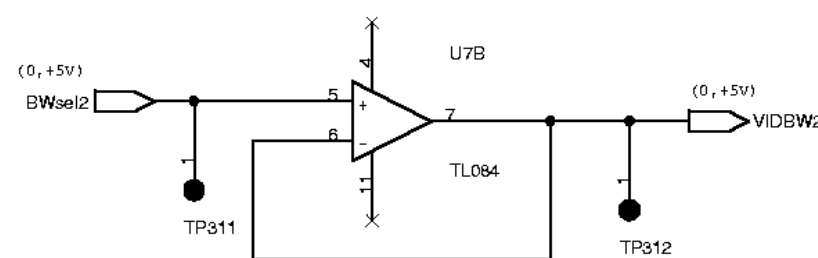
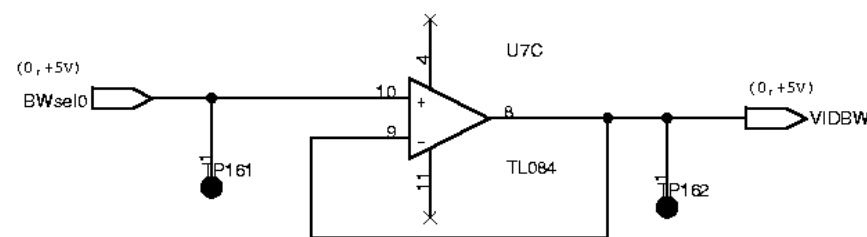
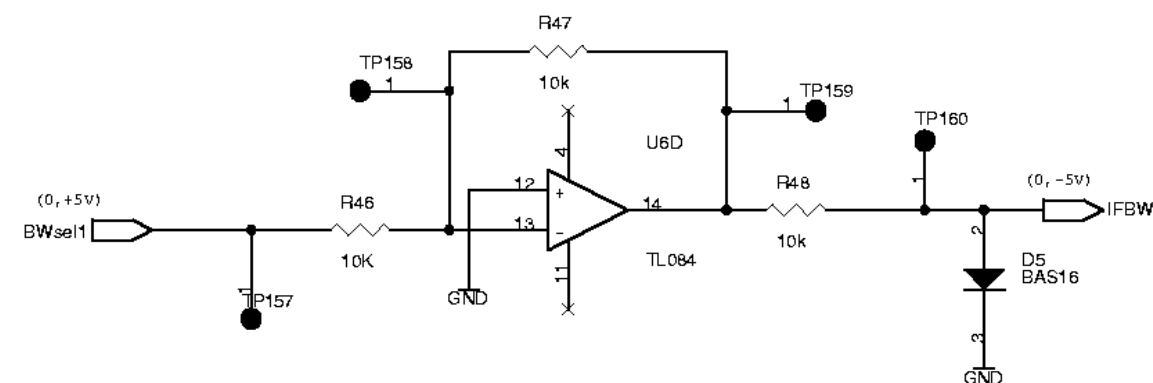
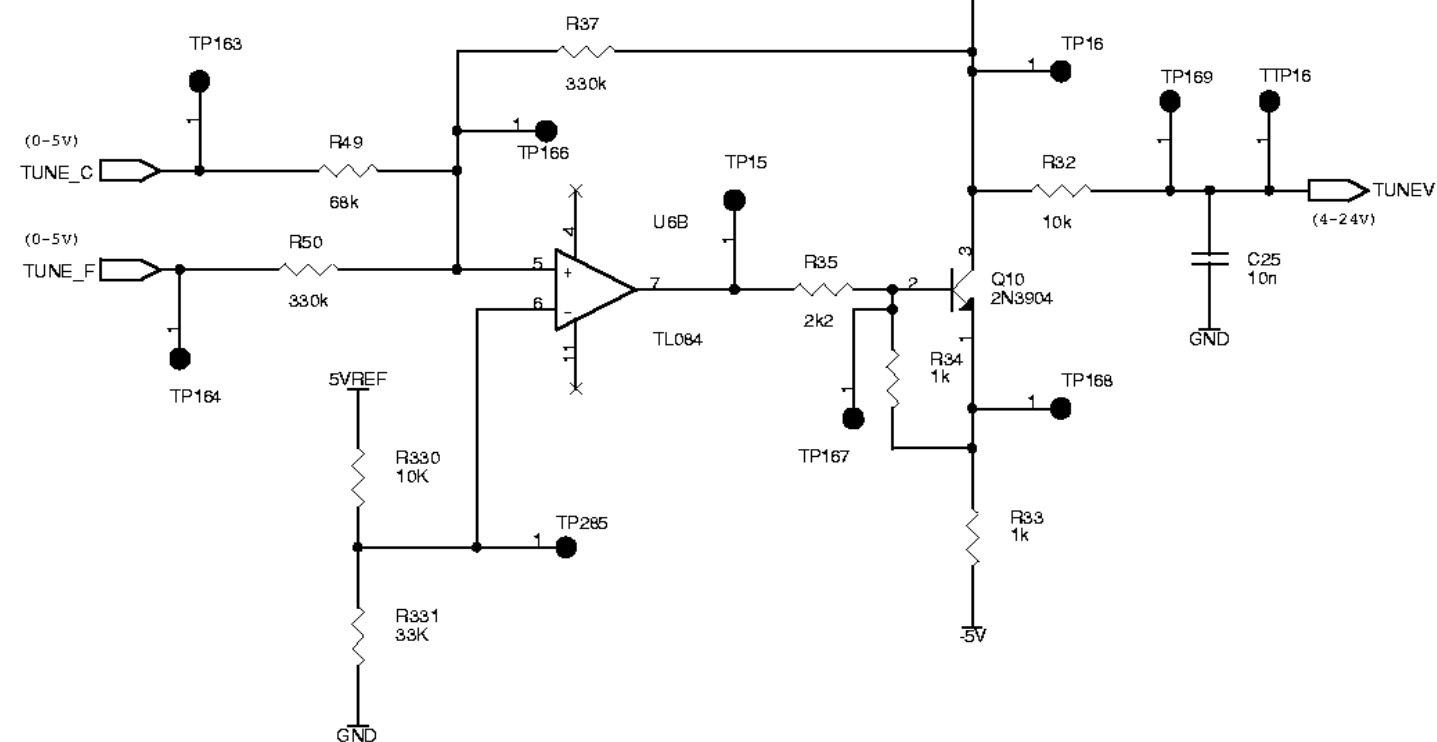
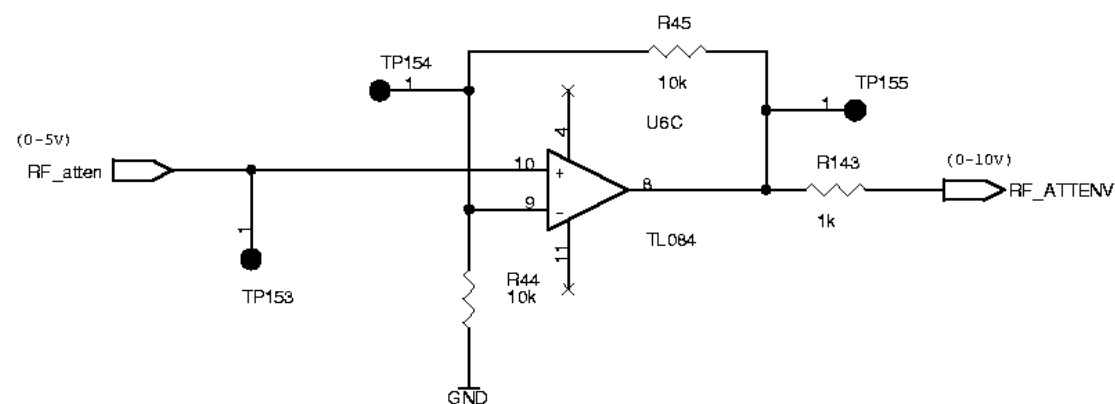
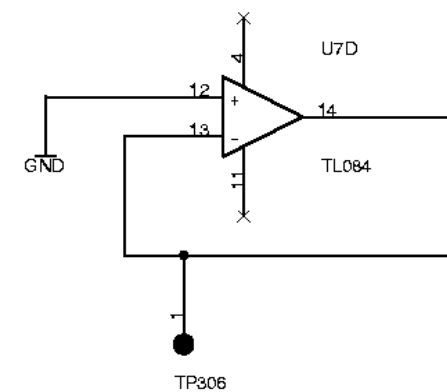
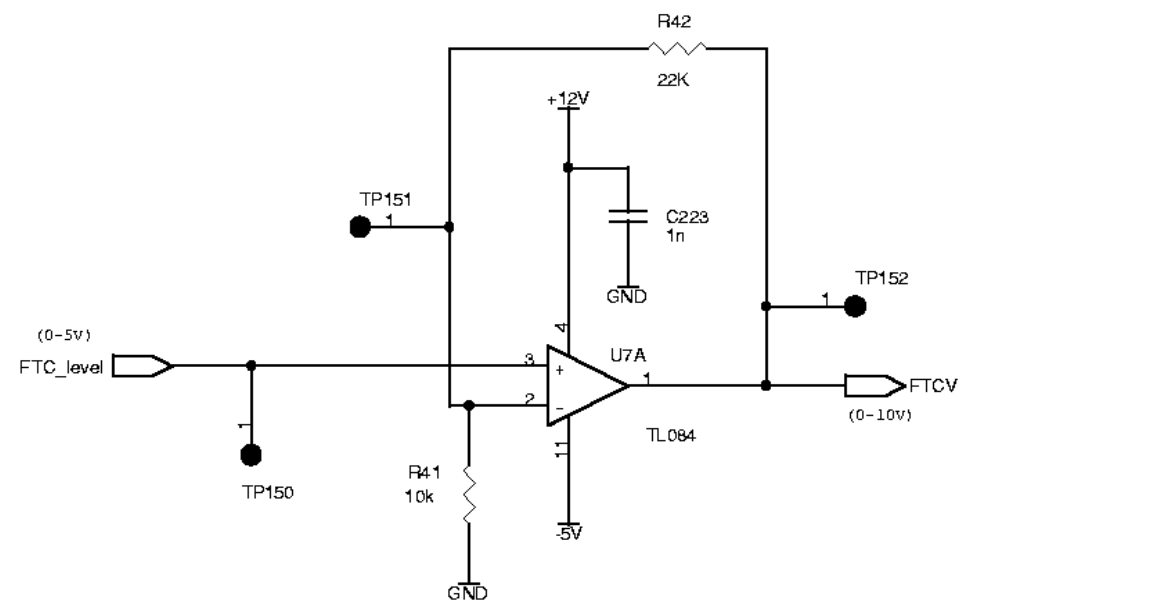
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| Title IF Strips                    |                             | Drawn        |          | Iss<br>E |
| Size<br>B                          | Document Number<br>4437-004 | Checked      | Approved |          |
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