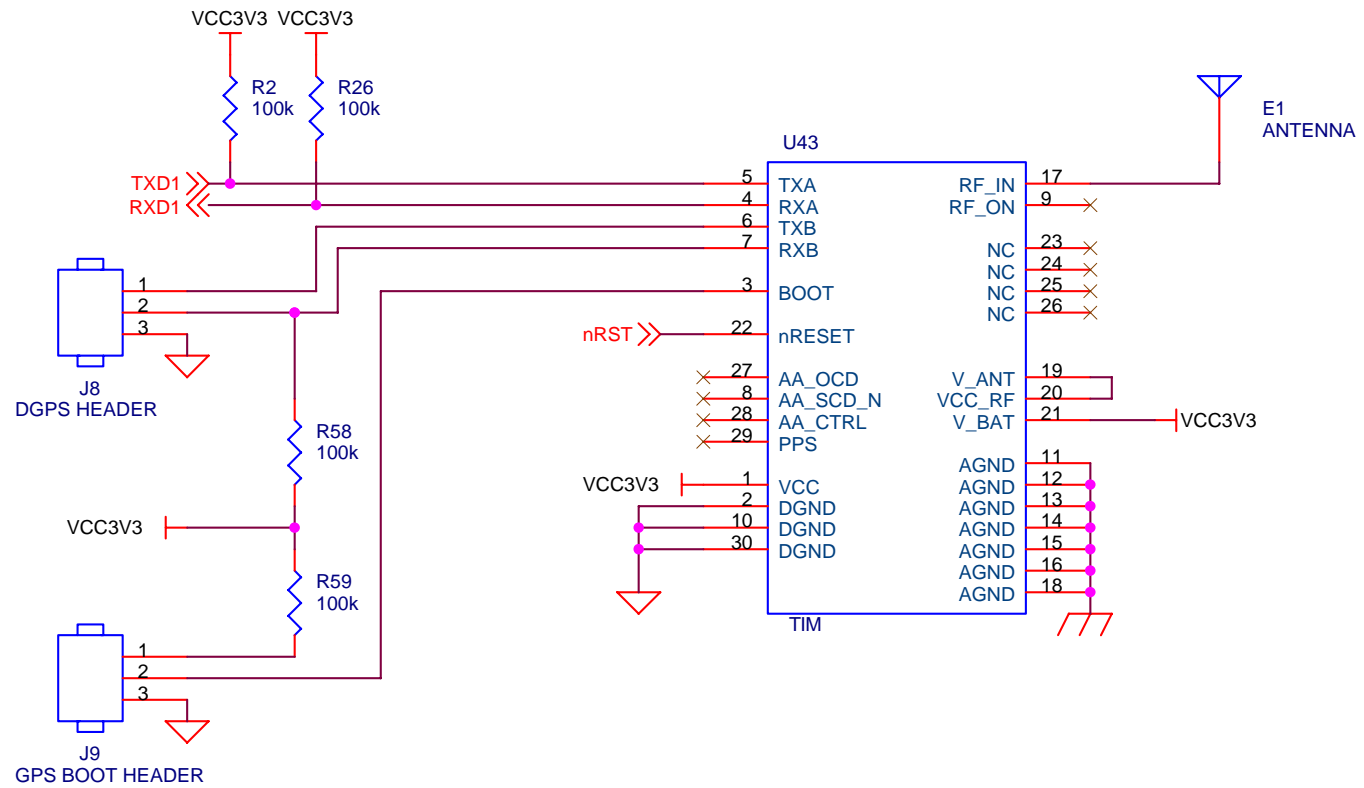
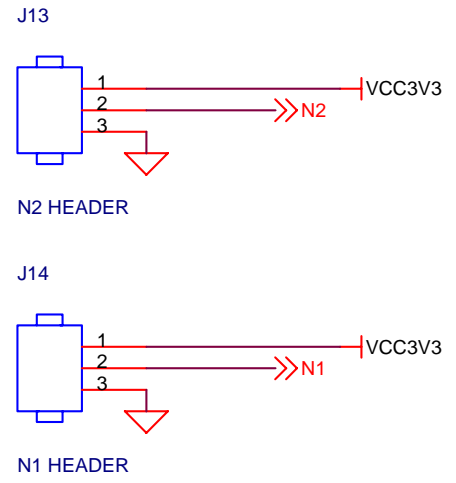
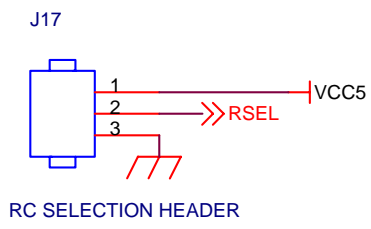
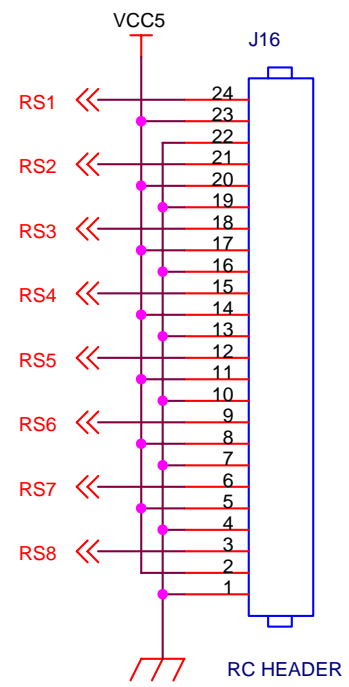
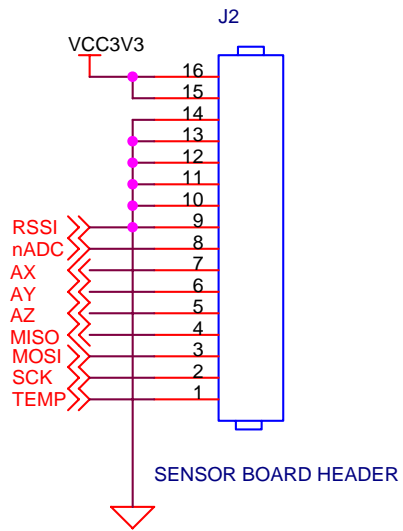
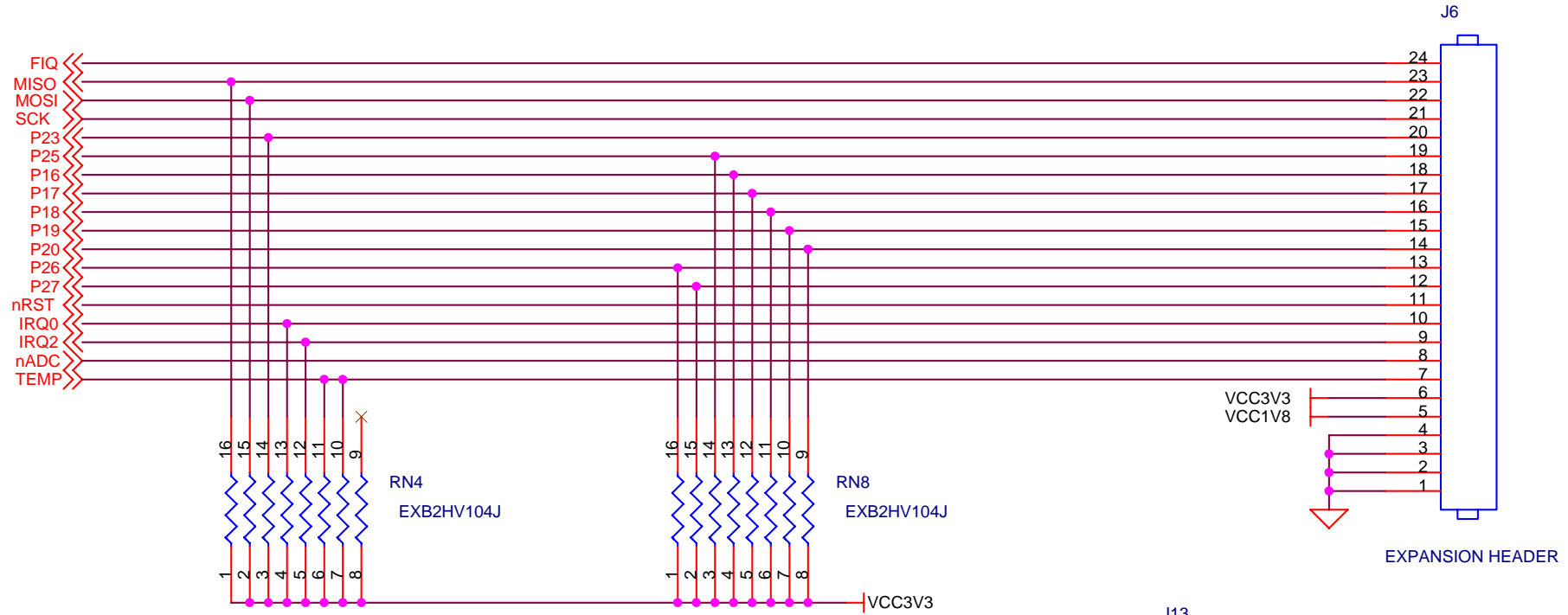


Title		
FPGA - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1.0	2.0
Date:	Tuesday, April 09, 2002	Sheet 1 of 13

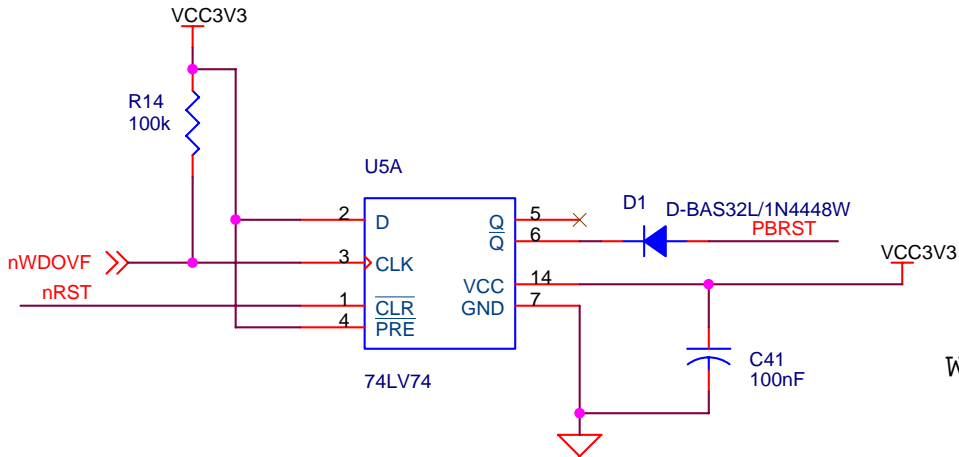
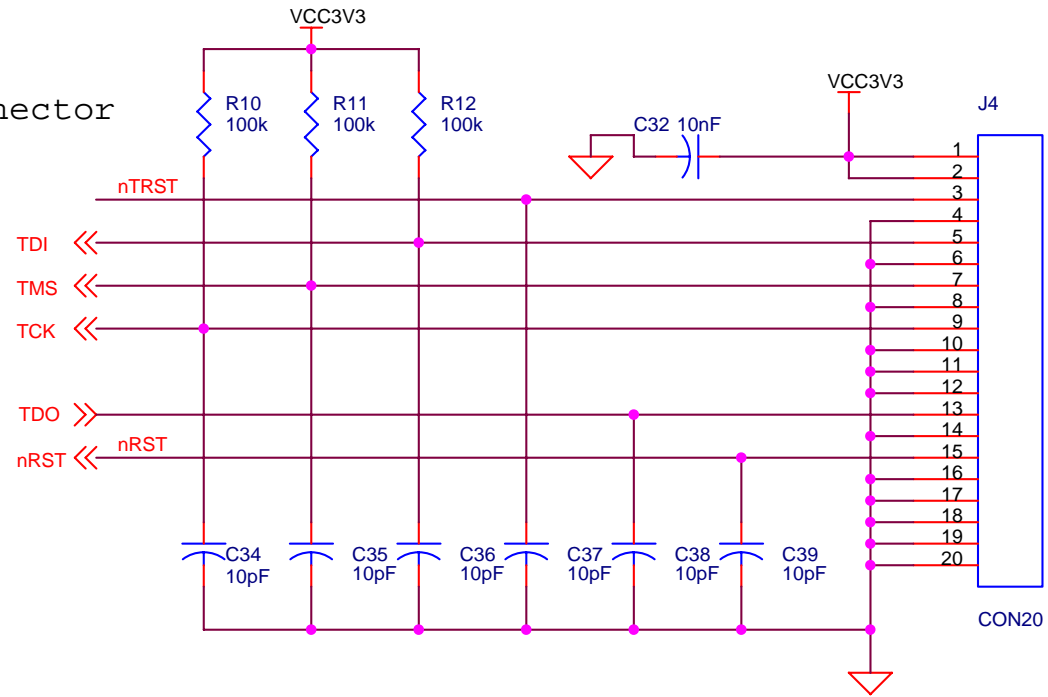


Title		
GPS - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
Date:	Tuesday, April 09, 2002	Sheet 2 of 13

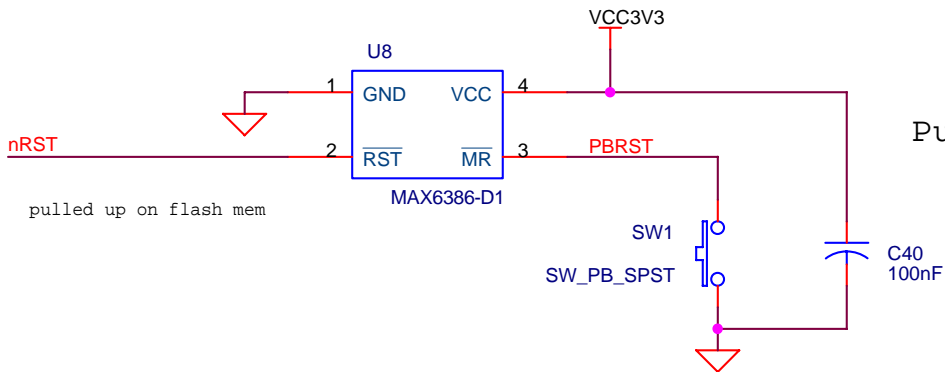


Title		
HEADER - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
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JTAG - 20 Pin ARM Connector

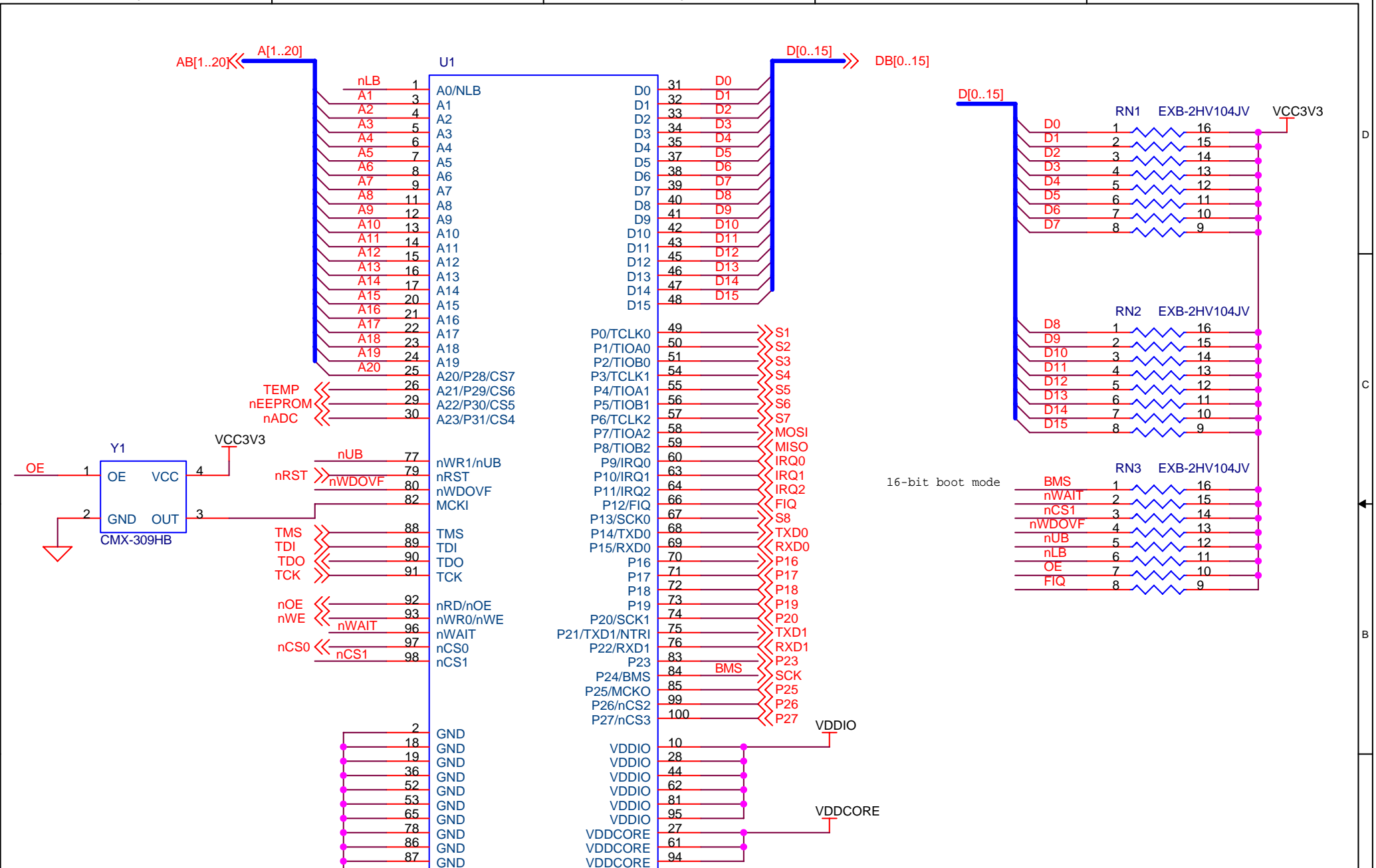


Watchdog Reset

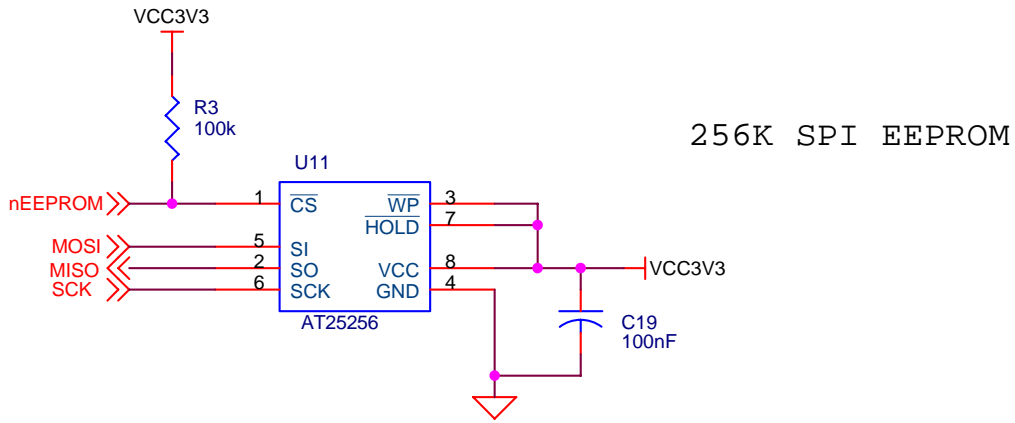


Push-button and nRST Reset

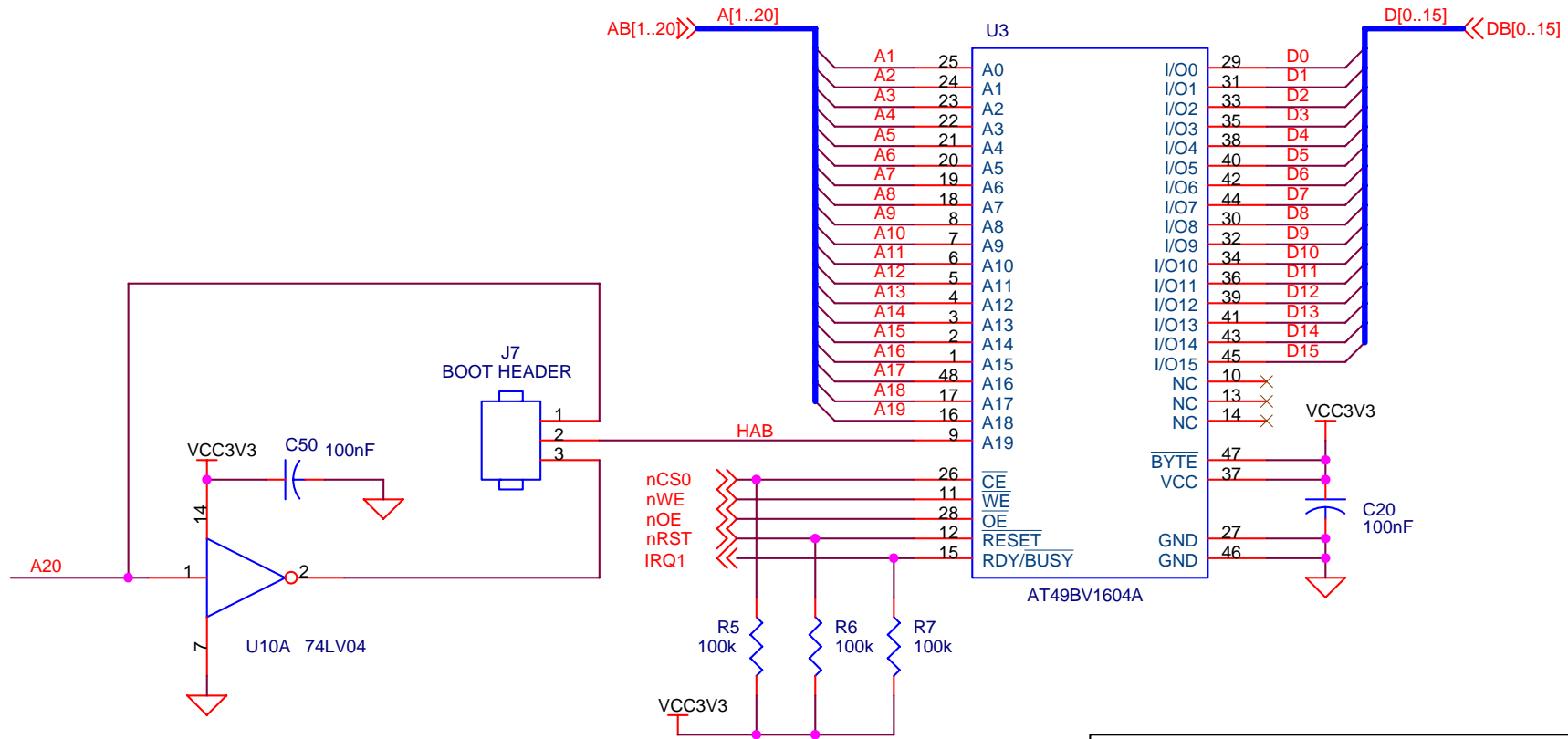
Title		
JTAG - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
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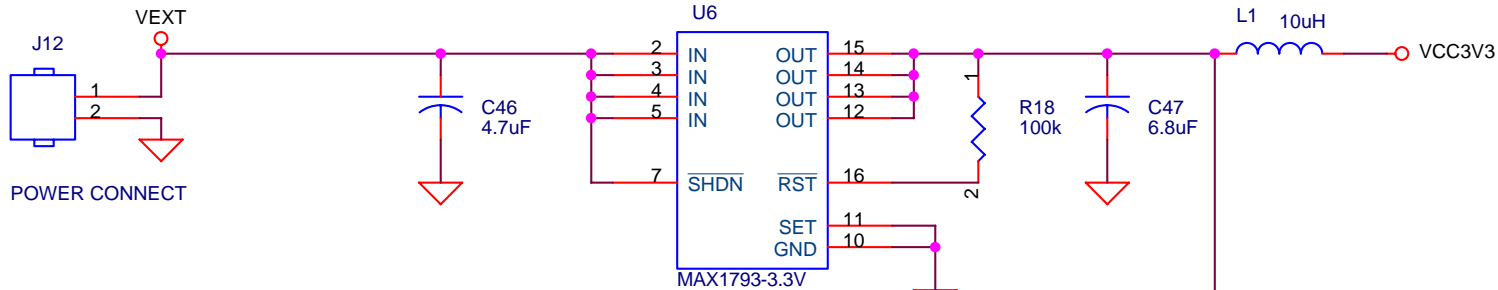
Title		
MAIN - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
Date:	Tuesday, April 09, 2002	Sheet 5 of 13



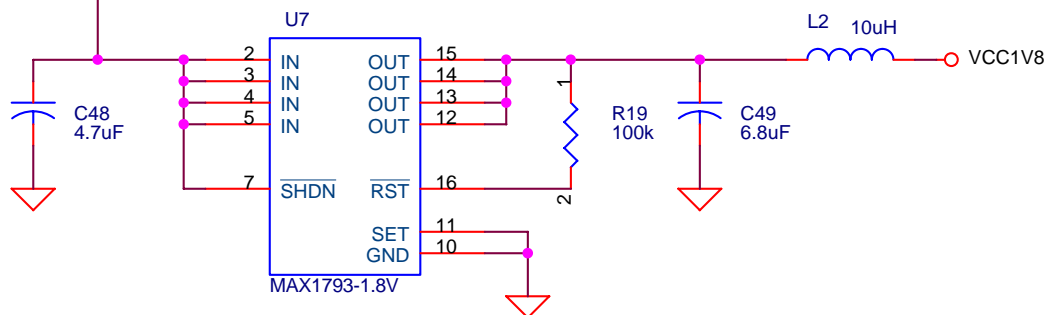
2MB Flash



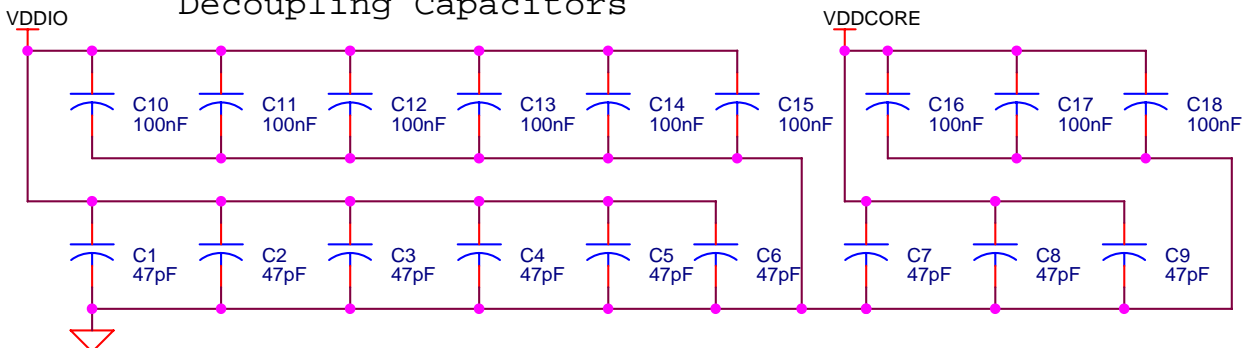
Title		
MEMORY - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
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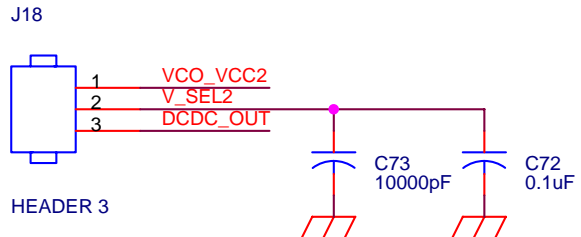
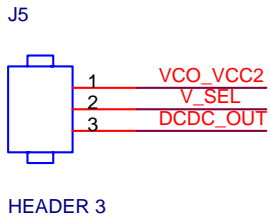
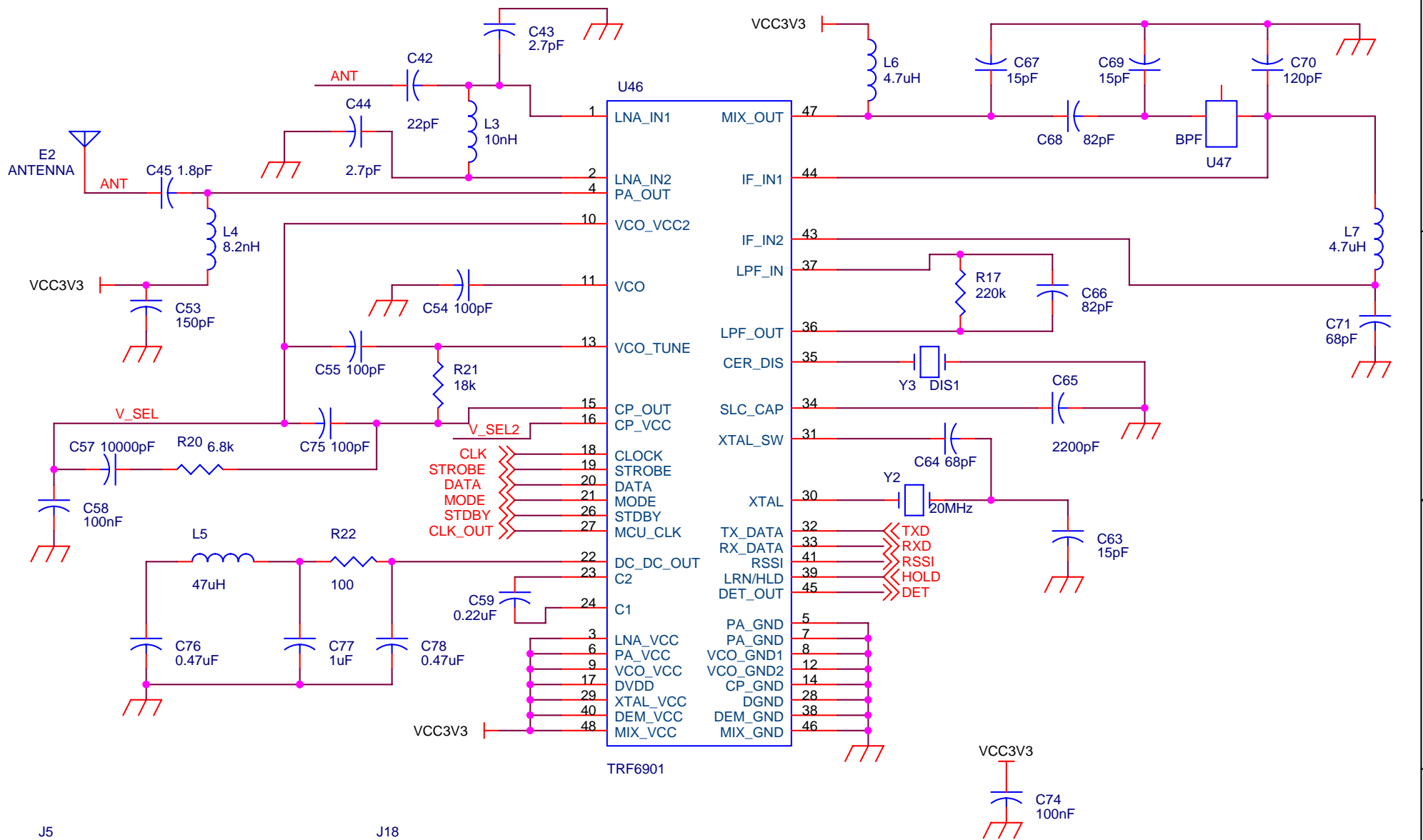
1.8V Generation



Decoupling Capacitors

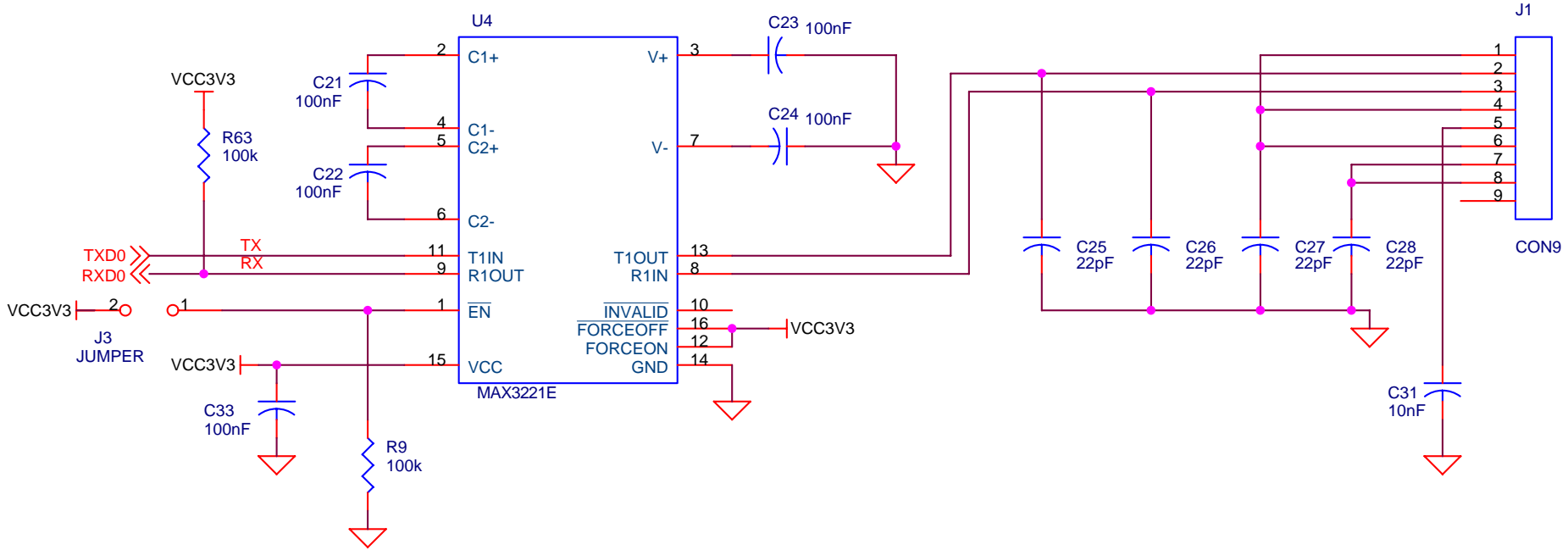


Title		
POWER - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
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Title		
RF - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
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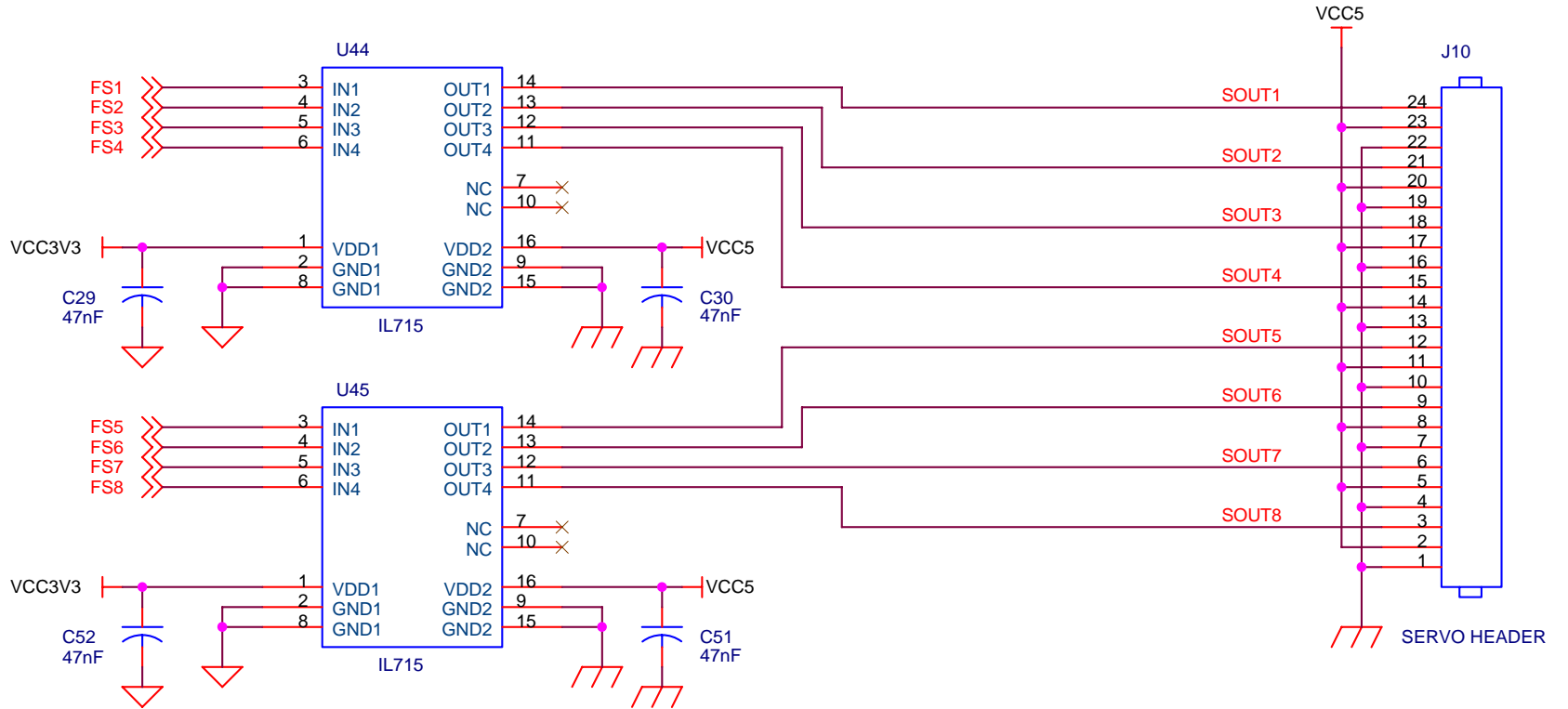
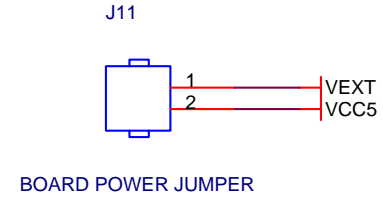
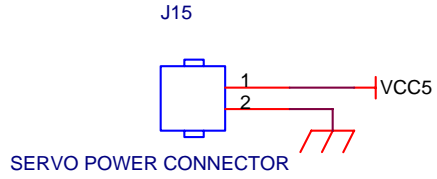
UART RS-232 level Converter and Headers



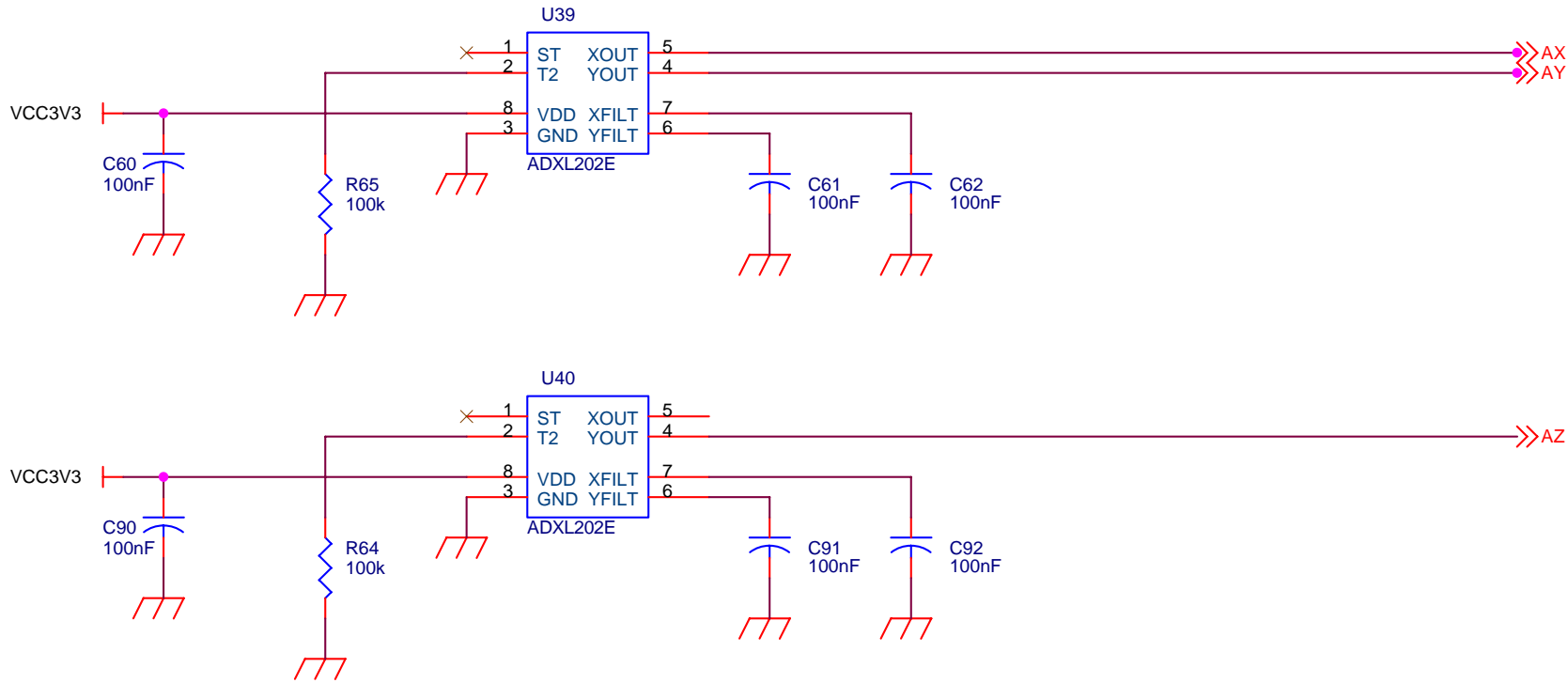
Title		
SERIAL - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
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Used if driving the boards with two power sources

Jumpered if driving the boards with one power source

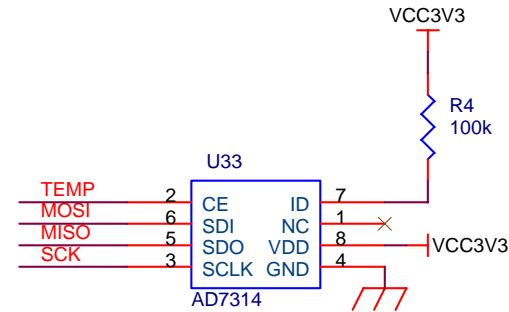
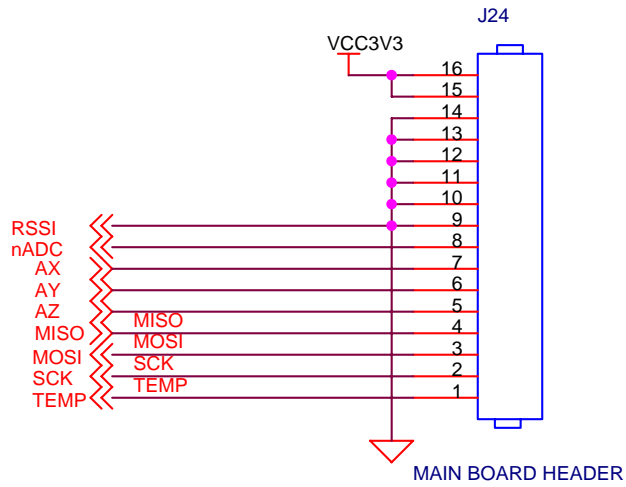
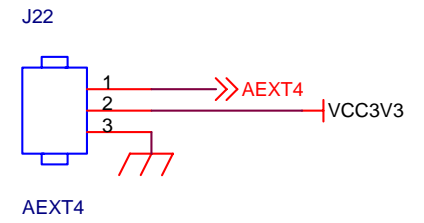
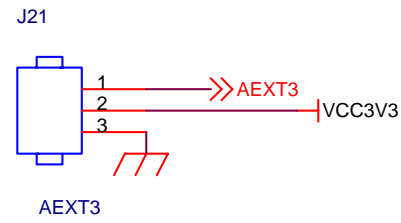
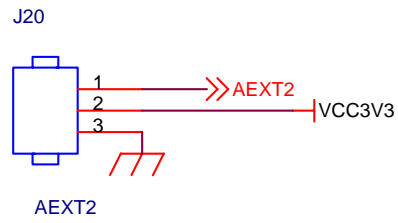
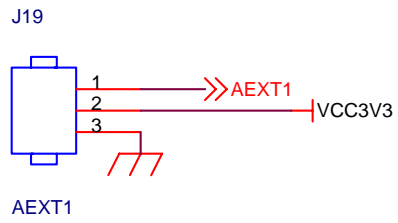


Title		
SERVOS - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size A	Document Number 1	Rev 2.0
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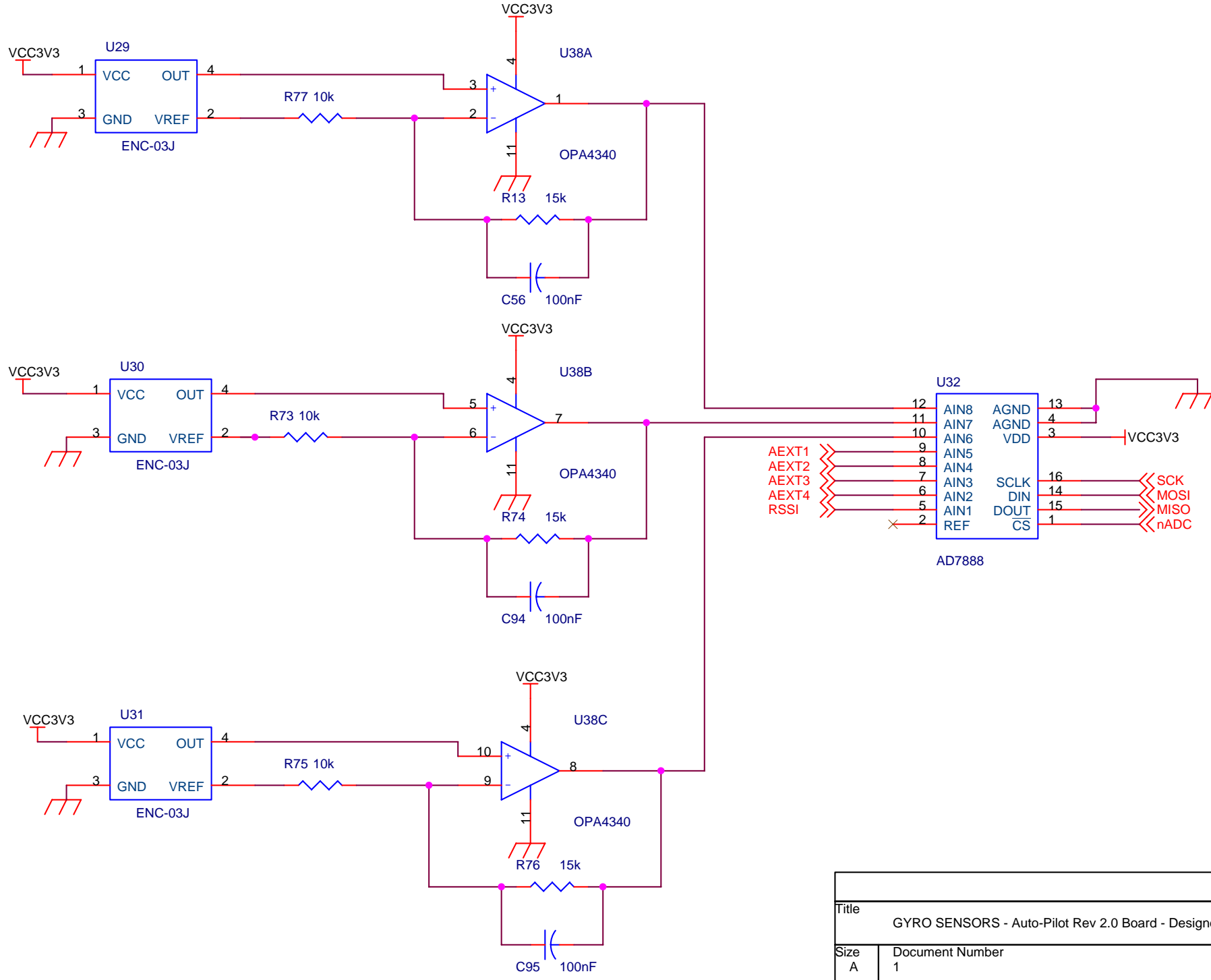


Configured for 4mG resolution with 1.8mG noise, 50Hz Bandwidth

Title		
ACCELEROMETER - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
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Title		
DAUGHTER HEADERS - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
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Title		
GYRO SENSORS - Auto-Pilot Rev 2.0 Board - Designed by Brett Burnett		
Size	Document Number	Rev
A	1	2.0
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