

# COMMUNICATION SUBSYSTEM MAIN BOARD

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Inductor parameters labeled in schematics: Name, Tolerance, Value, DC Current, Saturation Current, Max DC Resistance

Resistor parameters labeled in schematics: Name, Tolerance, Value, Power

Capacitor parameters labeled in schematics: Name, Value, Tolerance, Voltage Rating

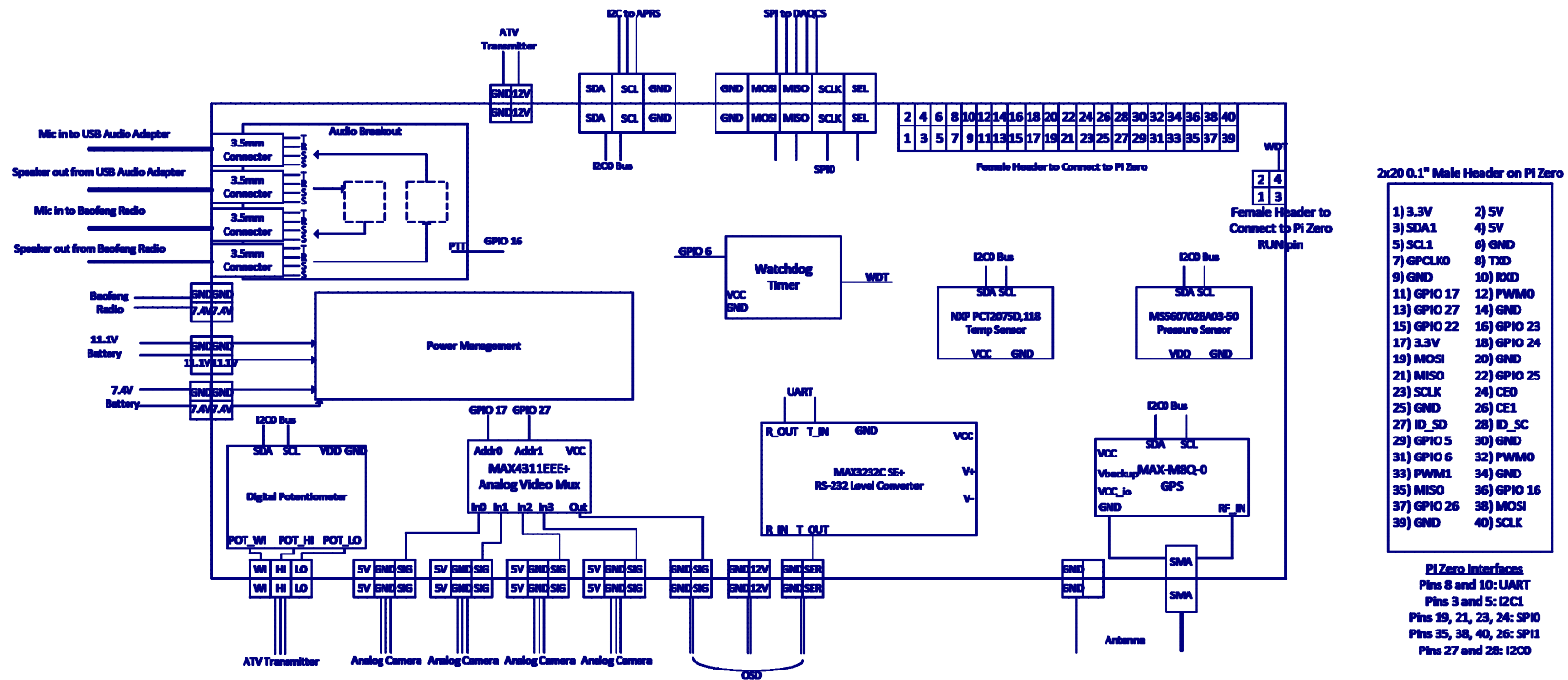
Title Page and TOC

Comms\_Main

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# COMMS Custom PCB Block Diagram



NOTE: See next page for a block diagram of the Power Management portion

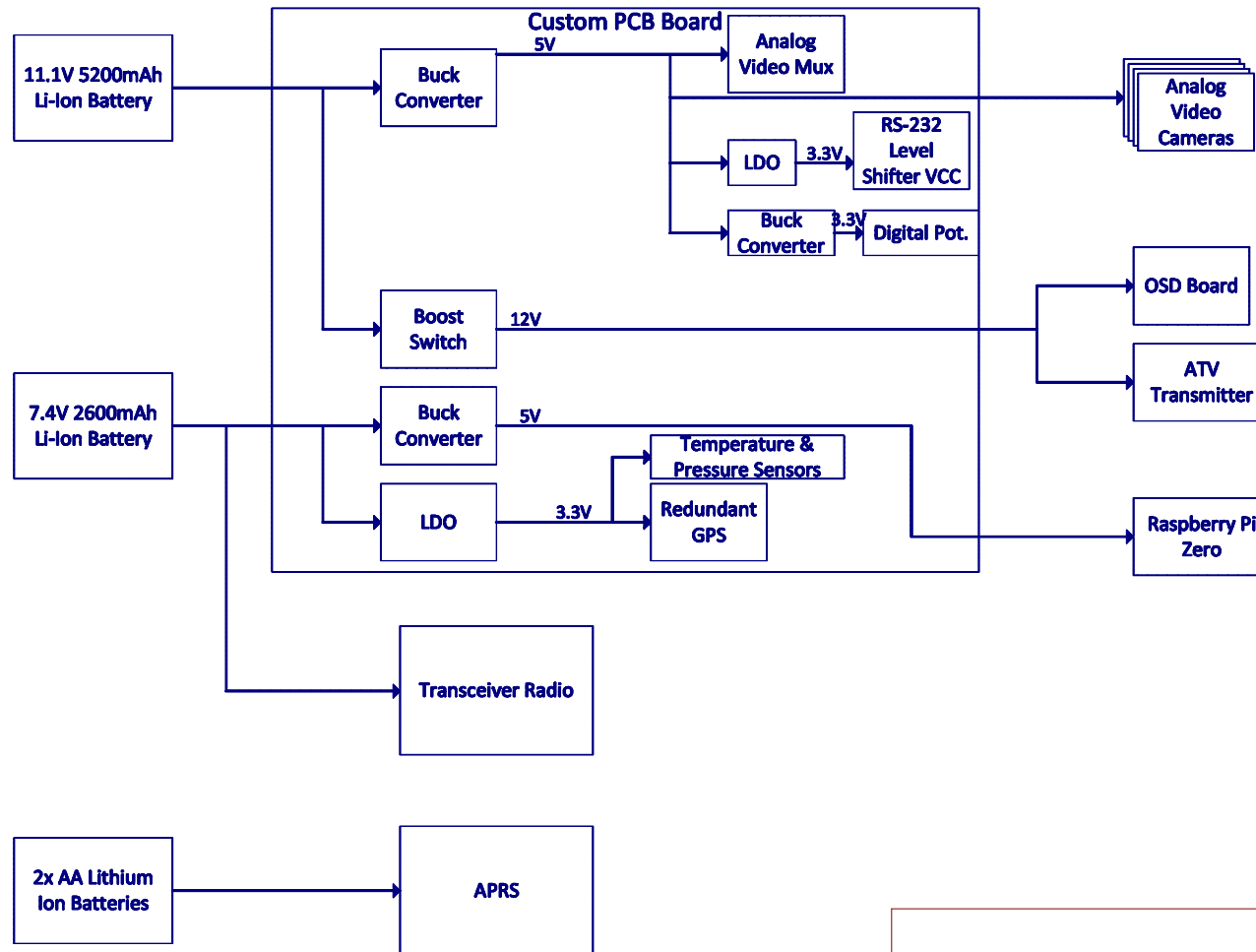
Main Block Diagram

Comms\_Main

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# Communication Subsystem Power Management



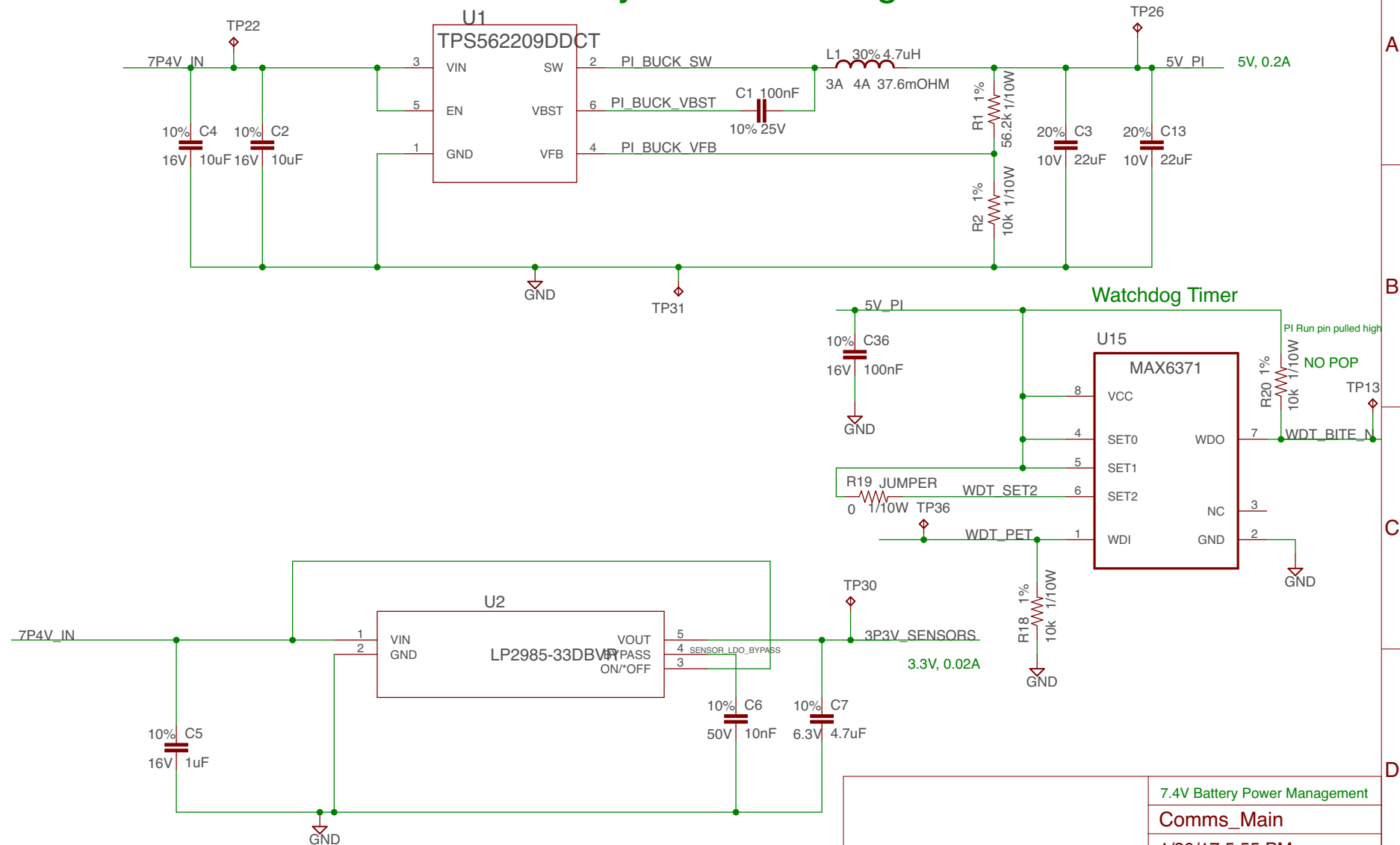
Power Block Diagram

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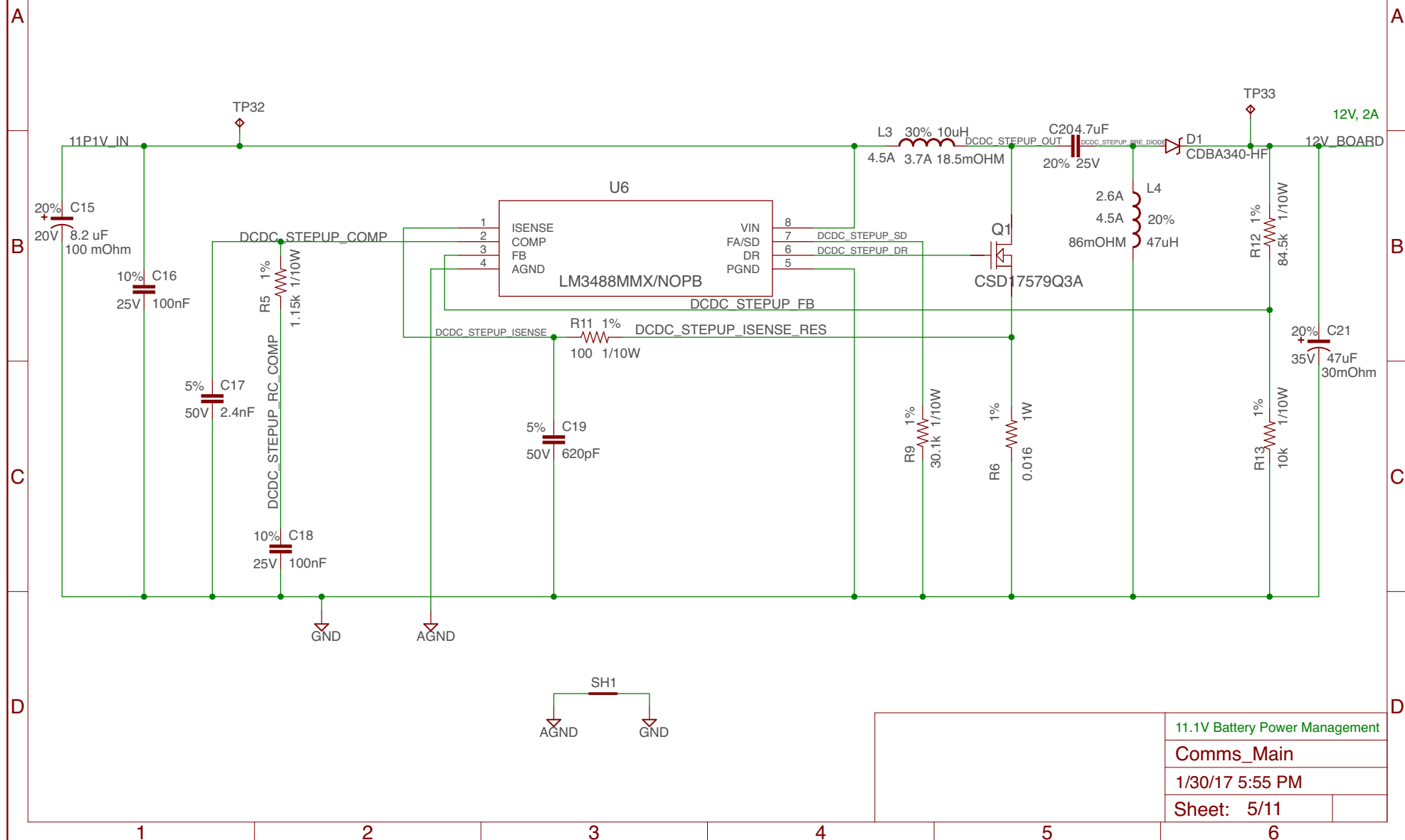
Sheet: 3/11

# COMMS 7.4V Battery Power Management



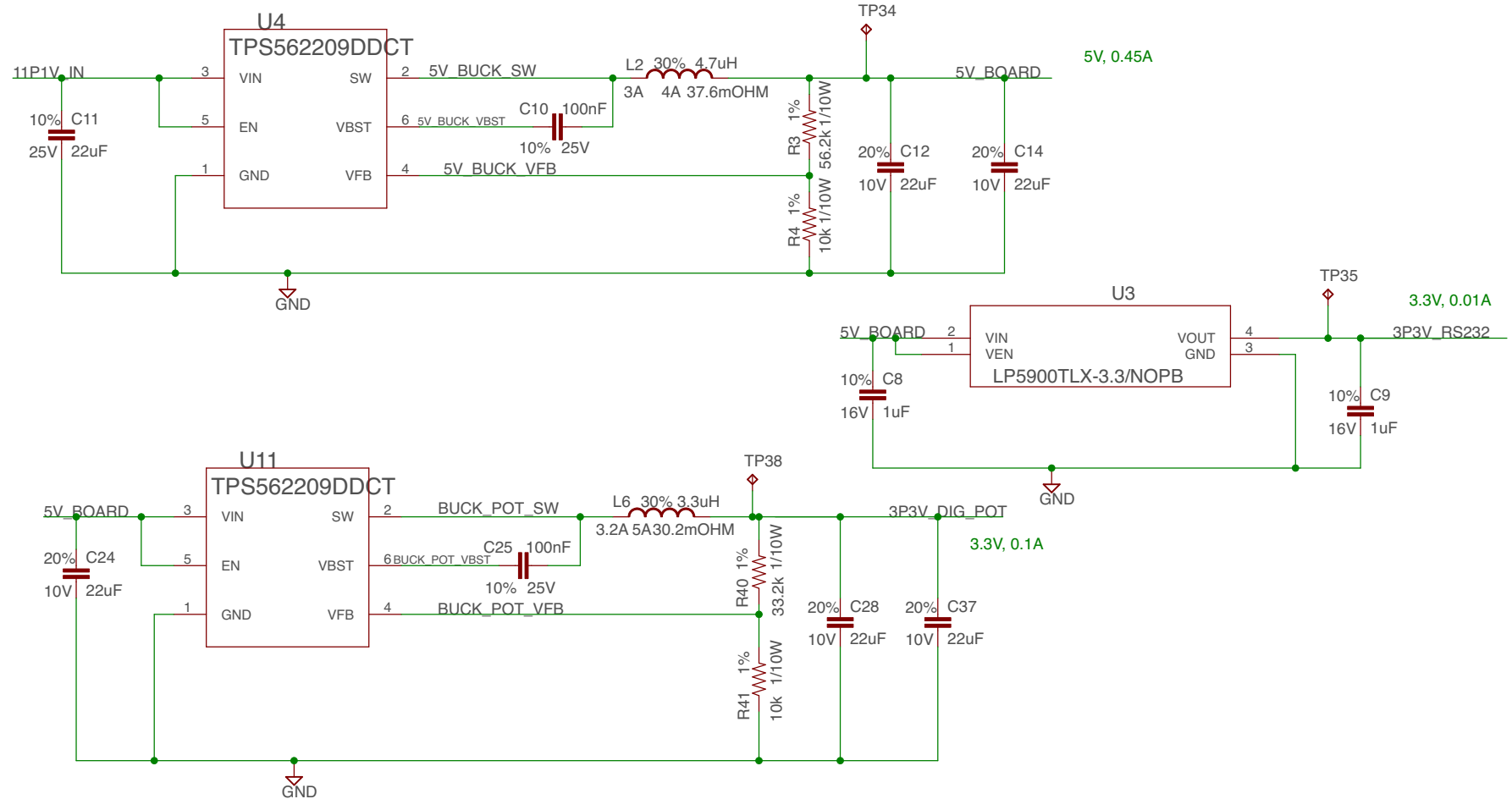
7.4V Battery Power Management  
Comms\_Main  
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# COMMS 11.1V Battery Power Management



11.1V Battery Power Management
Comms_Main
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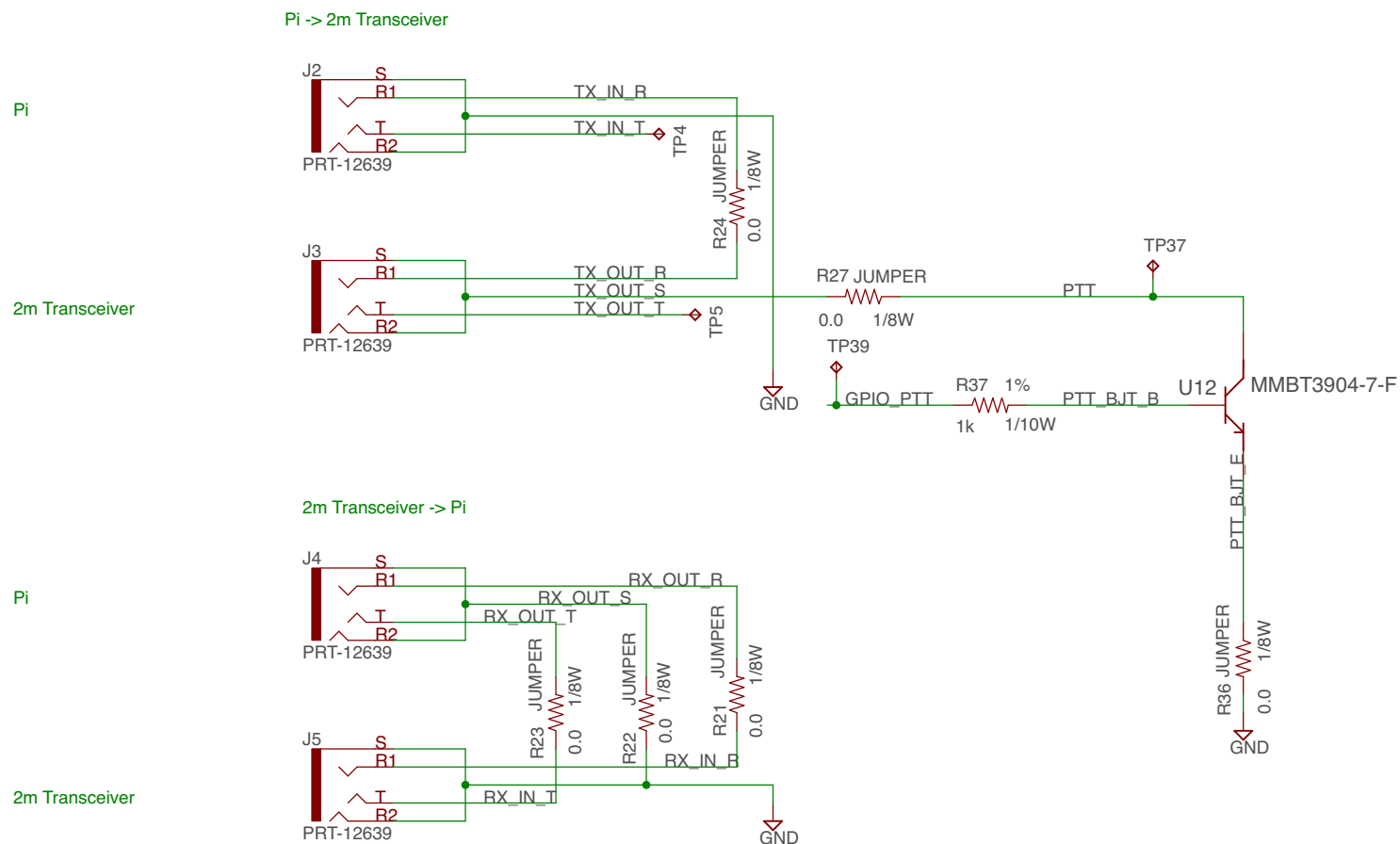
# COMMS 11.1V Battery Power Management



11.1V Battery Power Management	
Comms_Main	
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[illegible]

# COMMS 2m Transceiver Audio Jumpers



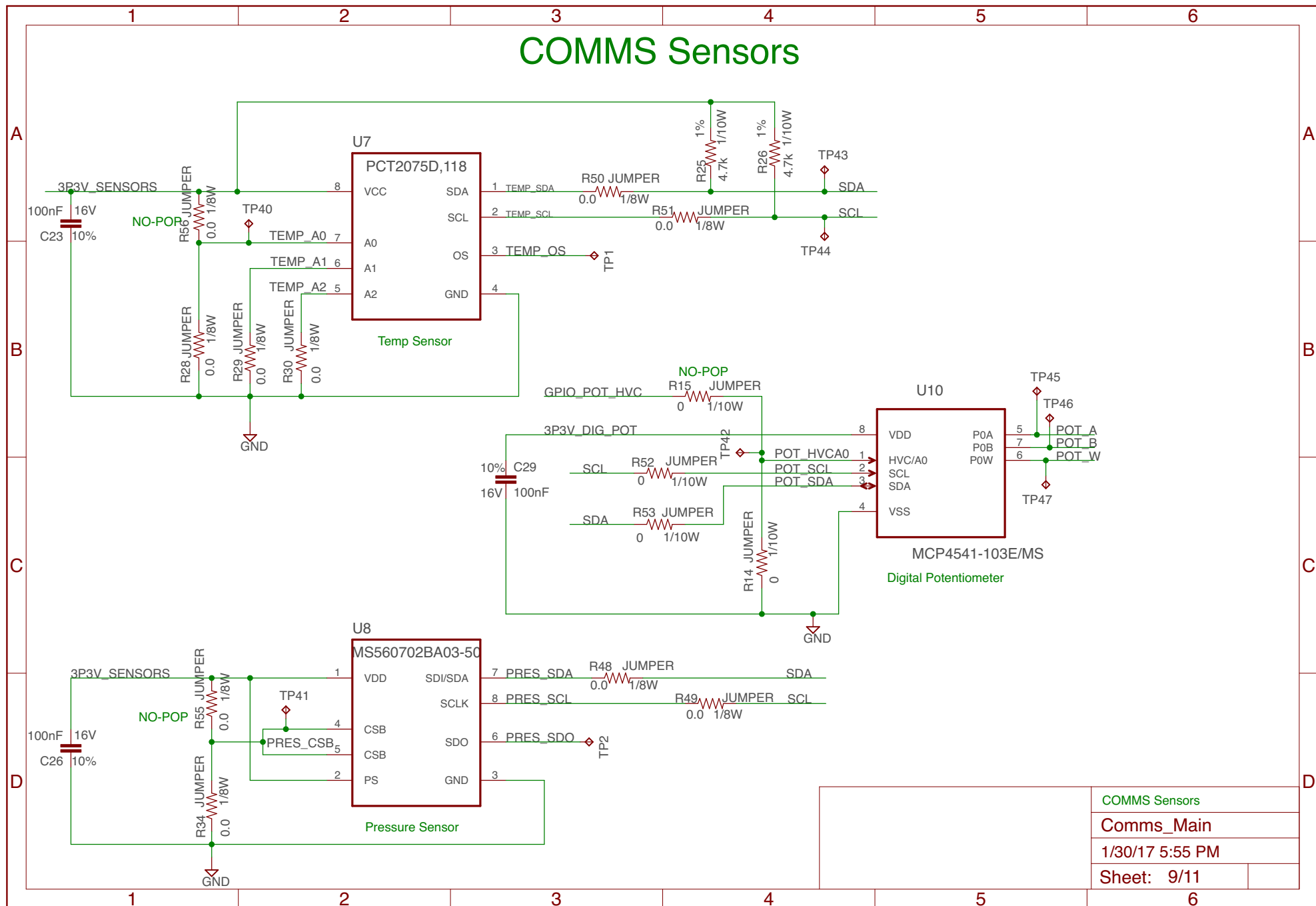
Transceiver Audio Jumpers

Comms\_Main

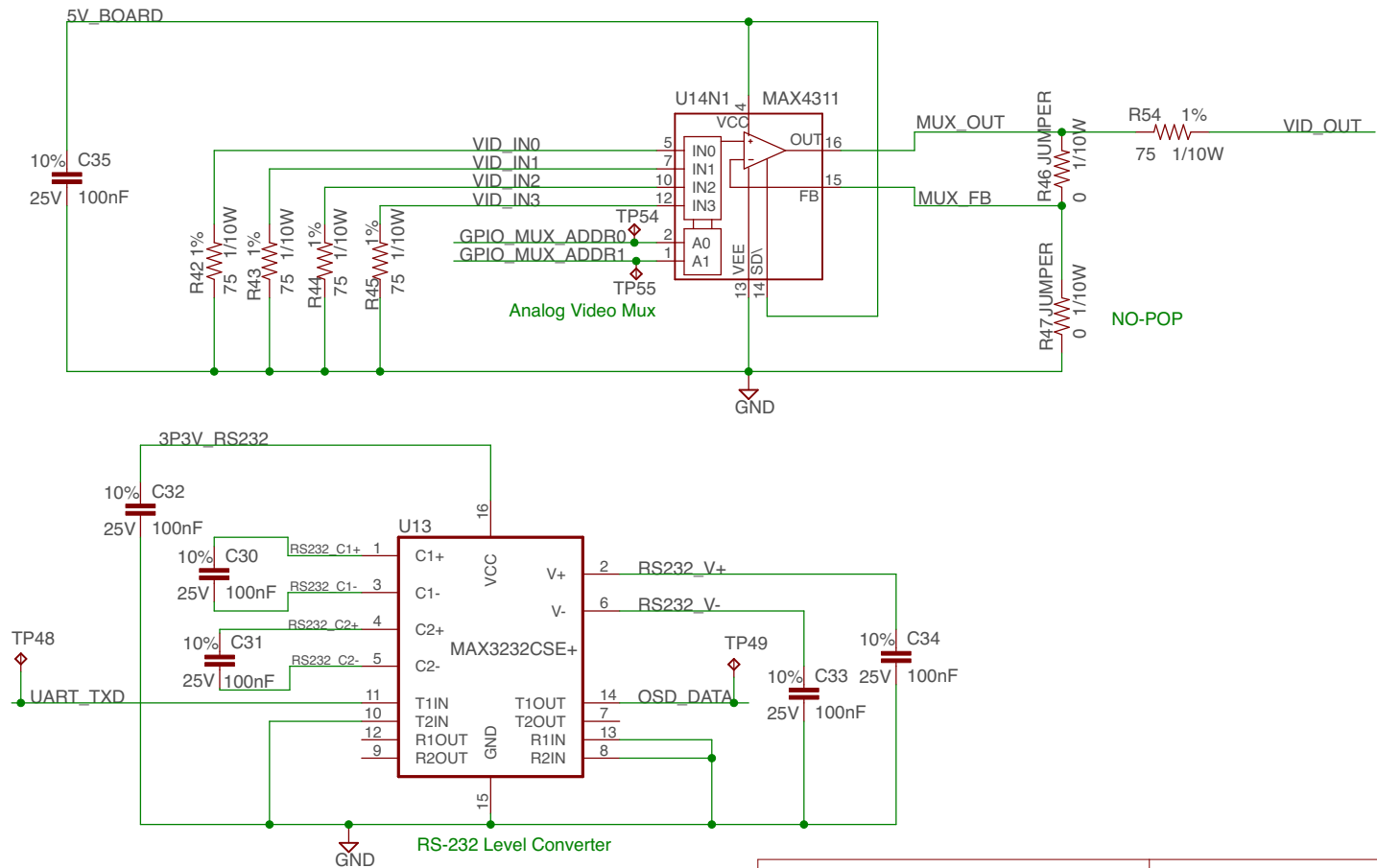
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# COMMS Video



COMMS Video

Comms\_Main

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