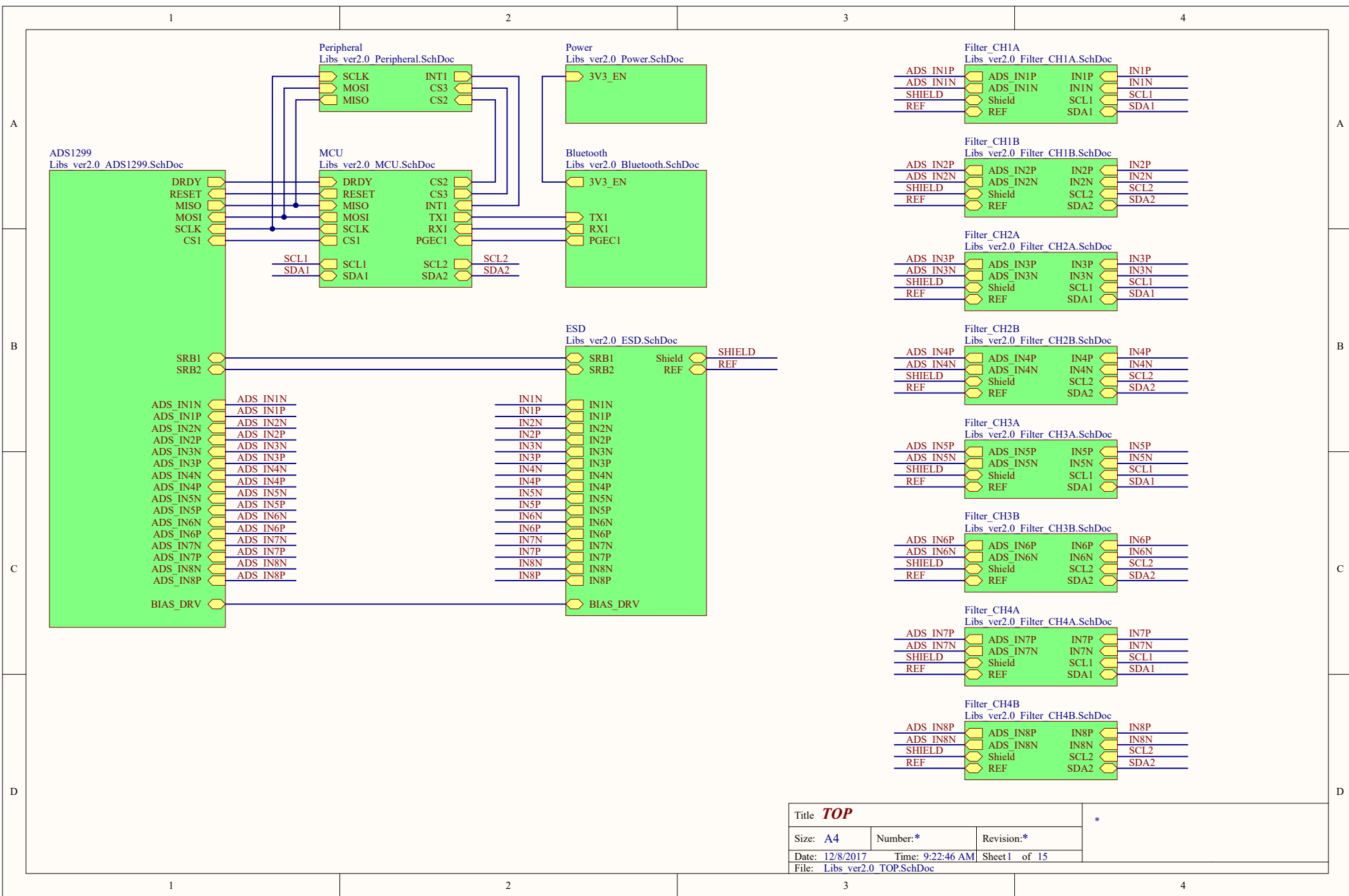
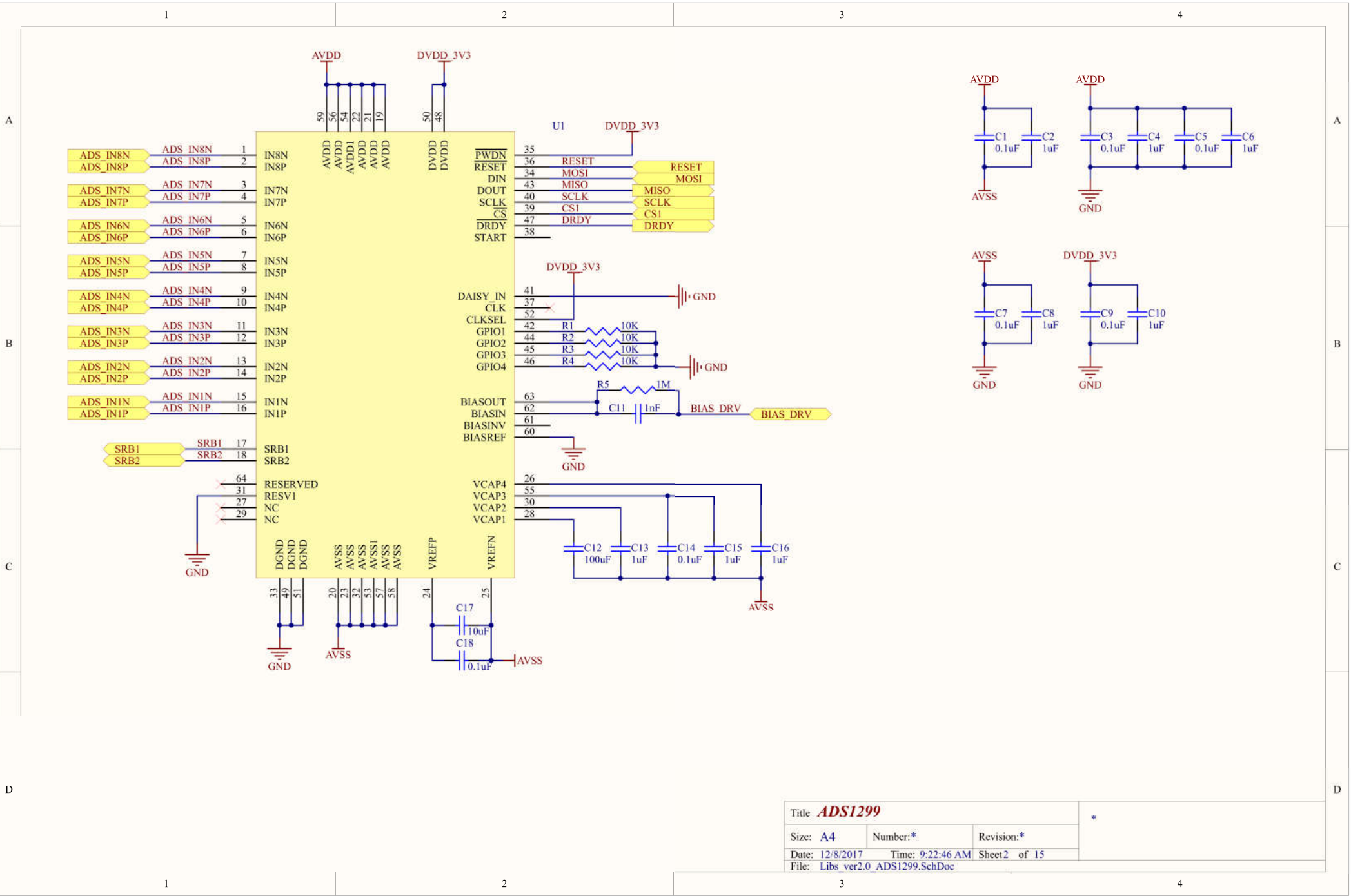
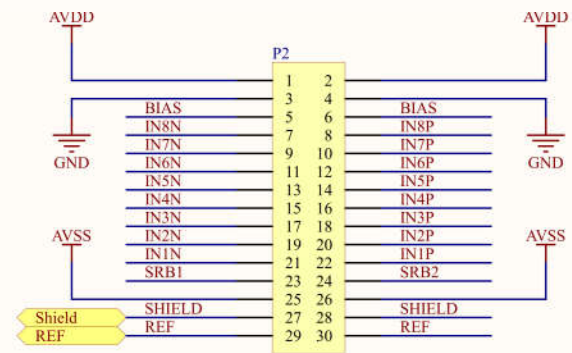
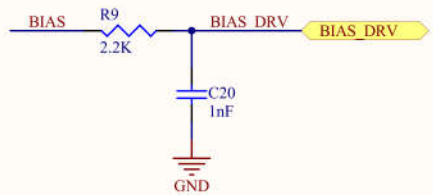
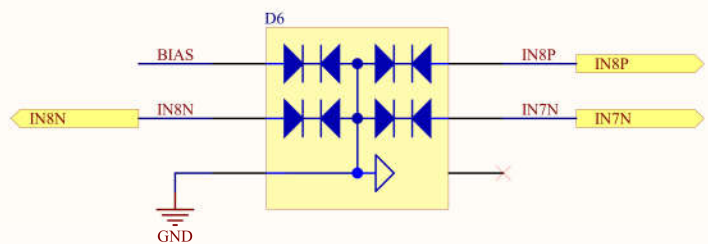
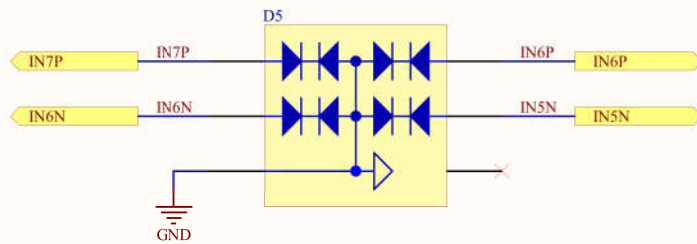
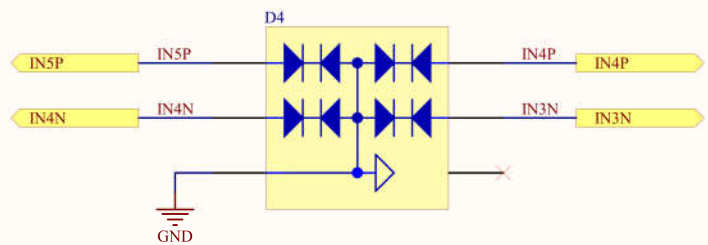
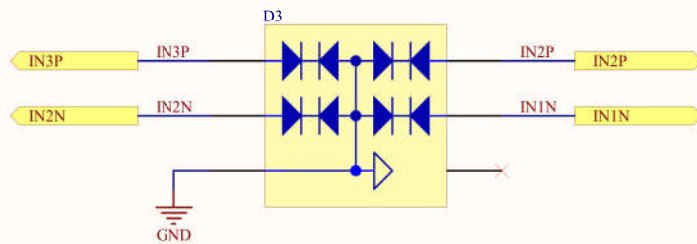
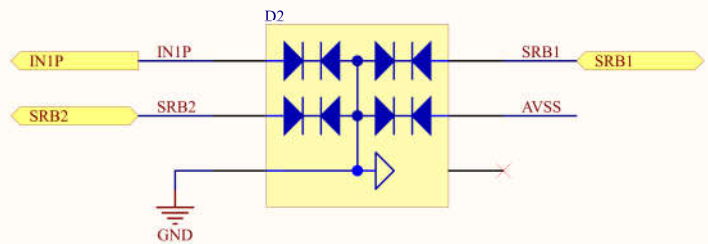
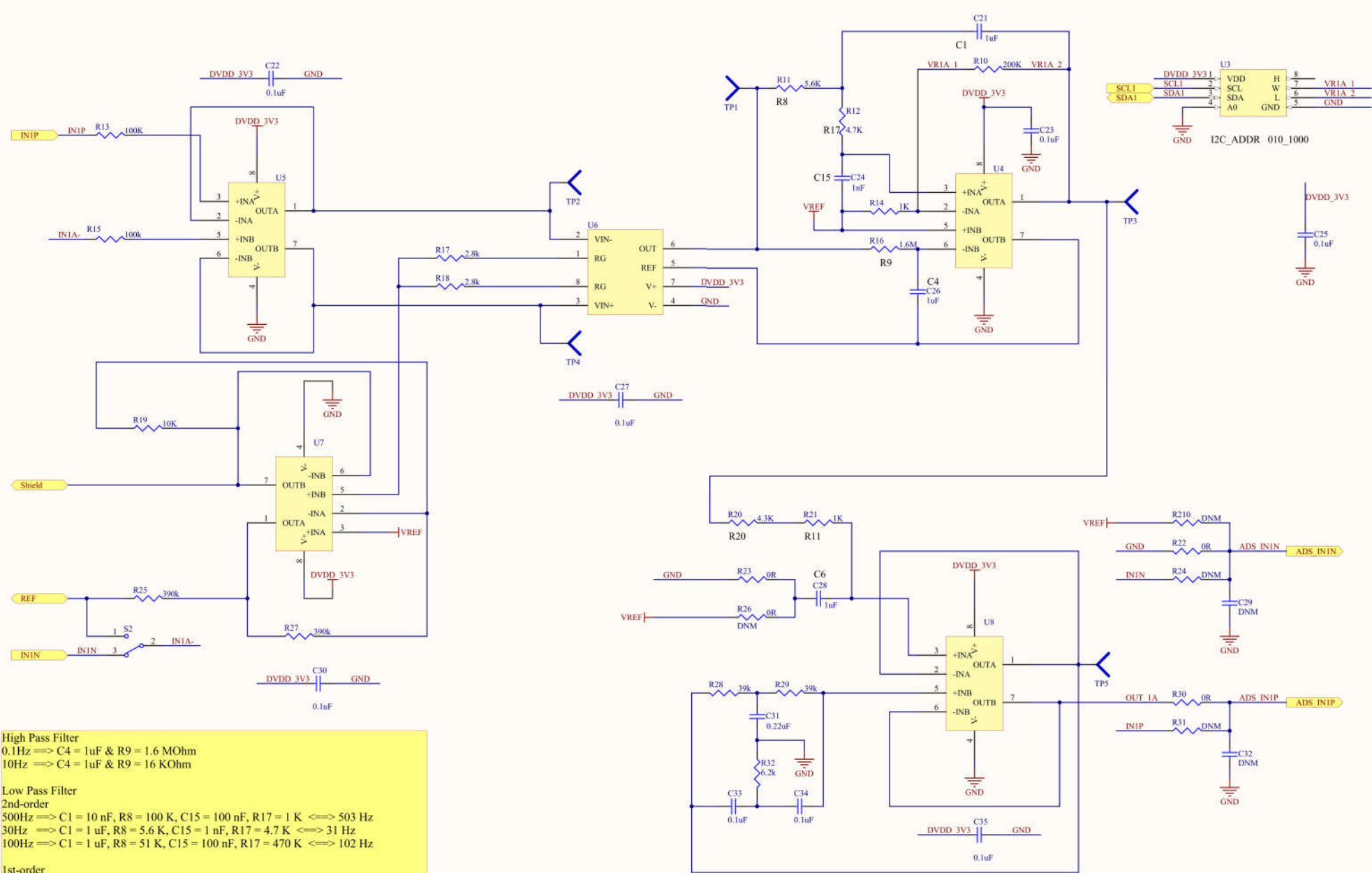










High Pass Filter
 0.1Hz => C4 = 1uF & R9 = 1.6 MOhm
 10Hz => C4 = 1uF & R9 = 16 KOhm

Low Pass Filter
 2nd-order
 500Hz => C1 = 10 nF, R8 = 100 K, C15 = 100 nF, R17 = 1 K <=> 503 Hz
 30Hz => C1 = 1 uF, R8 = 5.6 K, C15 = 1 nF, R17 = 4.7 K <=> 31 Hz
 100Hz => C1 = 1 uF, R8 = 51 K, C15 = 100 nF, R17 = 470 K <=> 102 Hz

1st-order
 500Hz => C6 = 3900 pF (0402), R20 = 53.6K, R11 = 28 K <=> 500.36 Hz
 30Hz => C6 = 1uF, R20 = 4.3K, R11 = 1K <=> 30.04Hz
 100Hz => C6 = 1uF, R20 = 1K, R11 = 590R (0402) <=> 100.148Hz

1A 1B: 0-30Hz
 2A 2B: 0-100Hz
 3A 3B: 10-500Hz
 4A 4B: 0-500Hz

High Pass Filter
 0.1Hz $\Rightarrow$ C4 = 1uF & R9 = 1.6 MOhm
 10Hz $\Rightarrow$ C4 = 1uF & R9 = 16 KOhm

Low Pass Filter
 2nd-order
 500Hz $\Rightarrow$ C1 = 10 nF, R8 = 100 K, C15 = 100 nF, R17 = 1 K $\Leftrightarrow$ 503 Hz
 30Hz $\Rightarrow$ C1 = 1 uF, R8 = 5.6 K, C15 = 1 nF, R17 = 4.7 K $\Leftrightarrow$ 31 Hz
 100Hz $\Rightarrow$ C1 = 1 uF, R8 = 51 K, C15 = 100 nF, R17 = 470 K $\Leftrightarrow$ 102 Hz

1st-order
 500Hz $\Rightarrow$ C6 = 3900 pF (0402), R20 = 53.6K, R11 = 28 K $\Leftrightarrow$ 500.36 Hz
 30Hz $\Rightarrow$ C6 = 1uF, R20 = 4.3K, R11 = 1K $\Leftrightarrow$ 30.04Hz
 100Hz $\Rightarrow$ C6 = 1uF, R20 = 1K, R11 = 590R (0402) $\Leftrightarrow$ 100.148Hz

1A 1B: 0-30Hz
 2A 2B: 0-100Hz
 3A 3B: 10-500Hz
 4A 4B: 0-500Hz

Filter_Chanel_1B

Size: A4 Number: * Revision: *
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