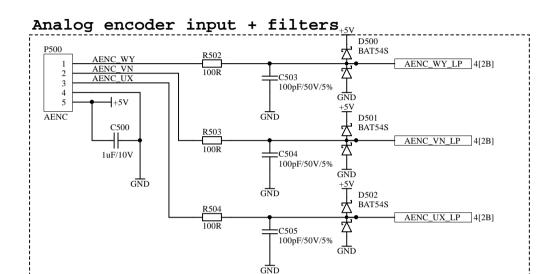
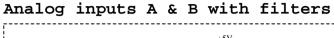
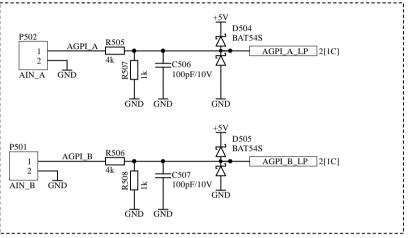




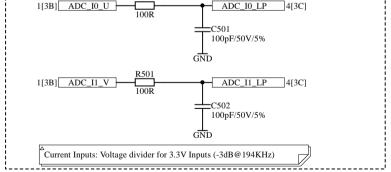
Analog inputs & filters



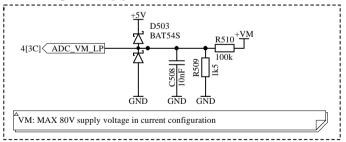








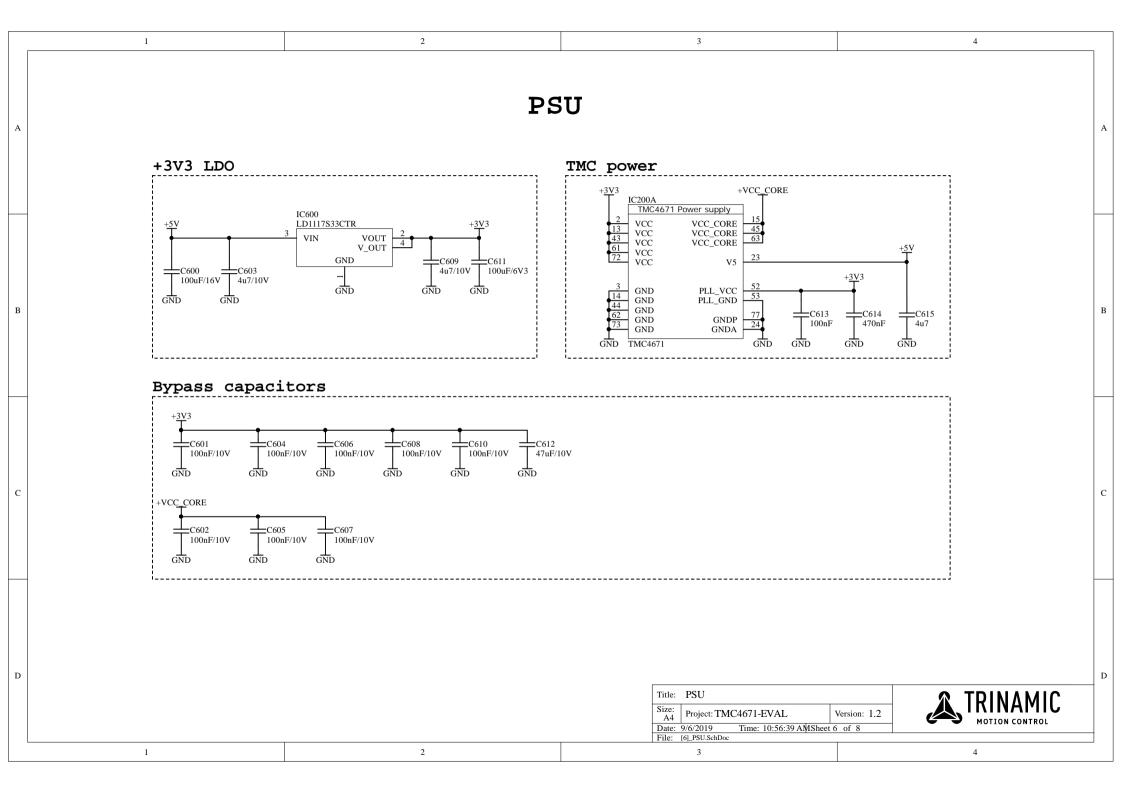
VM ADC Filter



Title:	Analog inputs & filters	
Size: A4	Project: TMC4671-EVAL	Version: 1.2
Date:	9/6/2019 Time: 10:56:38 AMShee	et 5 of 8
File: [5]_Analog_input_filters.SchDoc		



2



3 ChangeLog V1.0 - Initial design # 25.09.2017 - Fixed XTL200 FOX924B pinout bug (swapped pins 3 & 4). V1.1 - Bug fixes # 04.12.2017 - Fixed twisted AENC UX and AENC WY nets. - Changed P200 pin order on PCB to [+5V, GND, AENC_UX, AENC_VN, AENC_WY]. - Minor clean-ups. # 22.12.2017 - Reduced TMC4671 footprind pad widths by 0.7mil. - Increased TMC4671 pad clearances from 6mil to match pad spacing 8.5mil. V1.2 - Bug fixes # 03.09.2019 - Removed SRV05-4 protection ICs. - Moved all 4k7 pull-ups next to pinheaders on page 4. - Changed encoder filter values to 1k/100pF. - Changed hall sensor and reference input filter values to 4k7/1nF. D Title: ChangeLog Size: A4 Project: TMC4671-EVAL Version: 1.2 Time: 10:56:39 AMSheet 7 of 8 Date: 9/6/2019 File: ChangeLog.SchDoc