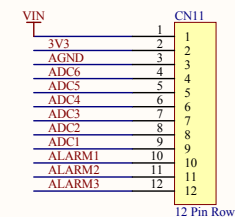
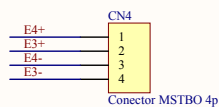
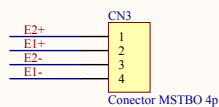
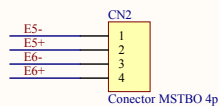


Diagram of the MSTBO 4-pin connector. The connector is labeled CN1 and has four pins numbered 1 to 4. The connections are as follows:

Pin	Signal
1	OUT2
2	OUT1
3	COM
4	OUT3

Conector MSTBO 4p



The diagram illustrates a 6-channel differential signal conditioning circuit. It features six identical stages, each processing a differential input signal (E1± to E6±) through a 10kΩ resistor (R2-R13) and a 1% SMD0603 resistor network. Each stage uses an EL1817 differential amplifier (U1-U6) to produce a single-ended output (ED1-ED6). The outputs are then connected to ADC1-ADC6. The circuit is powered by a 3V supply and grounded to AGND.



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