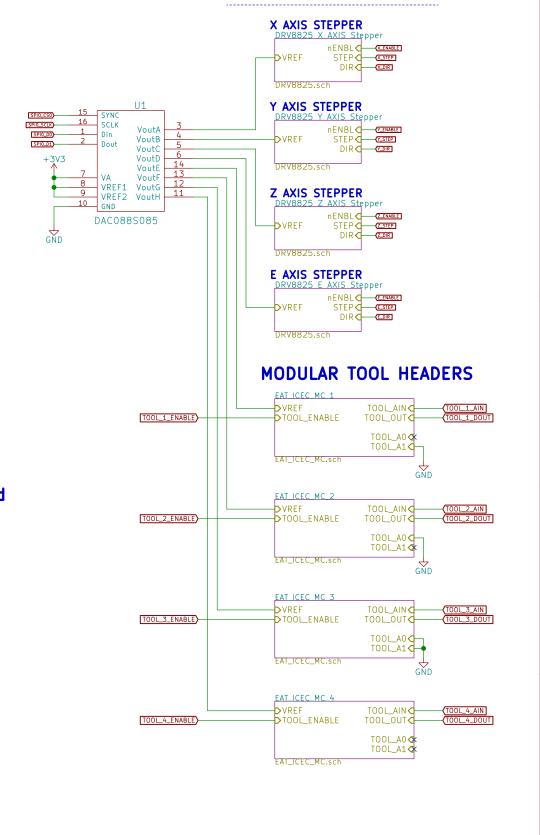
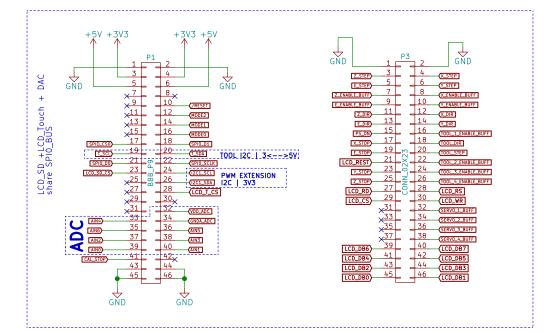


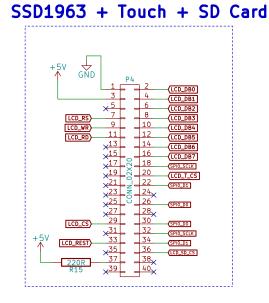
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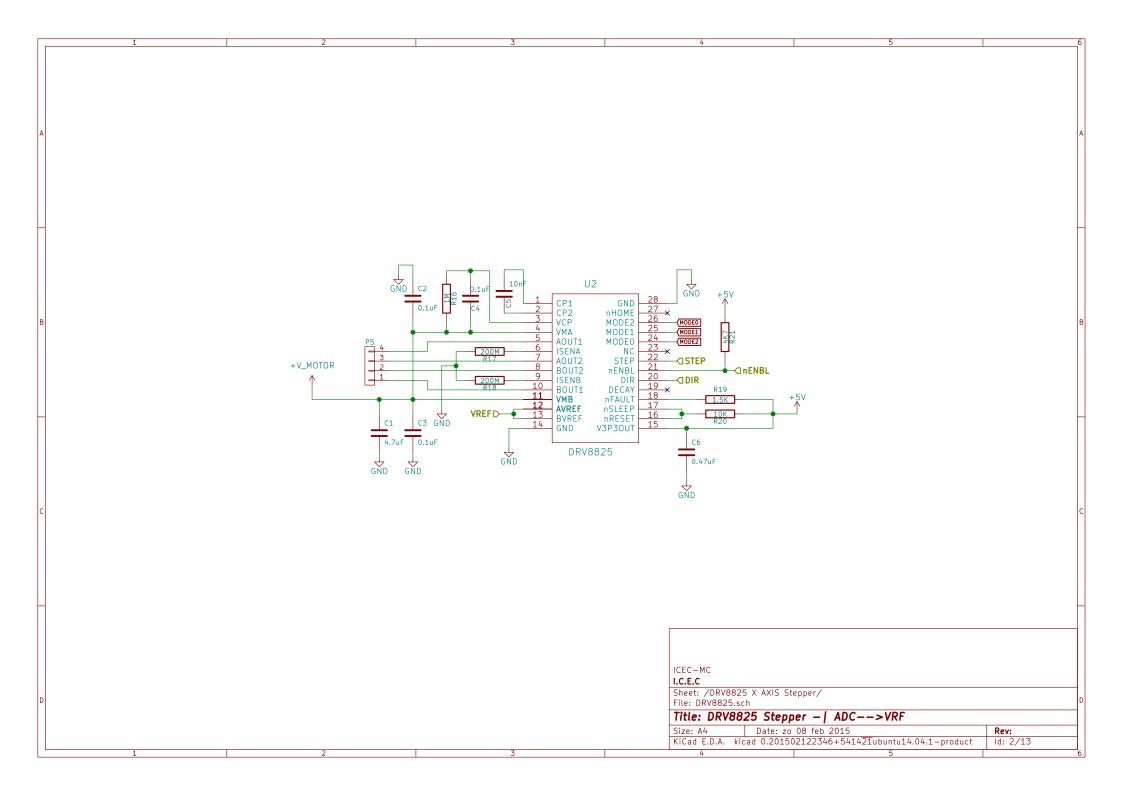


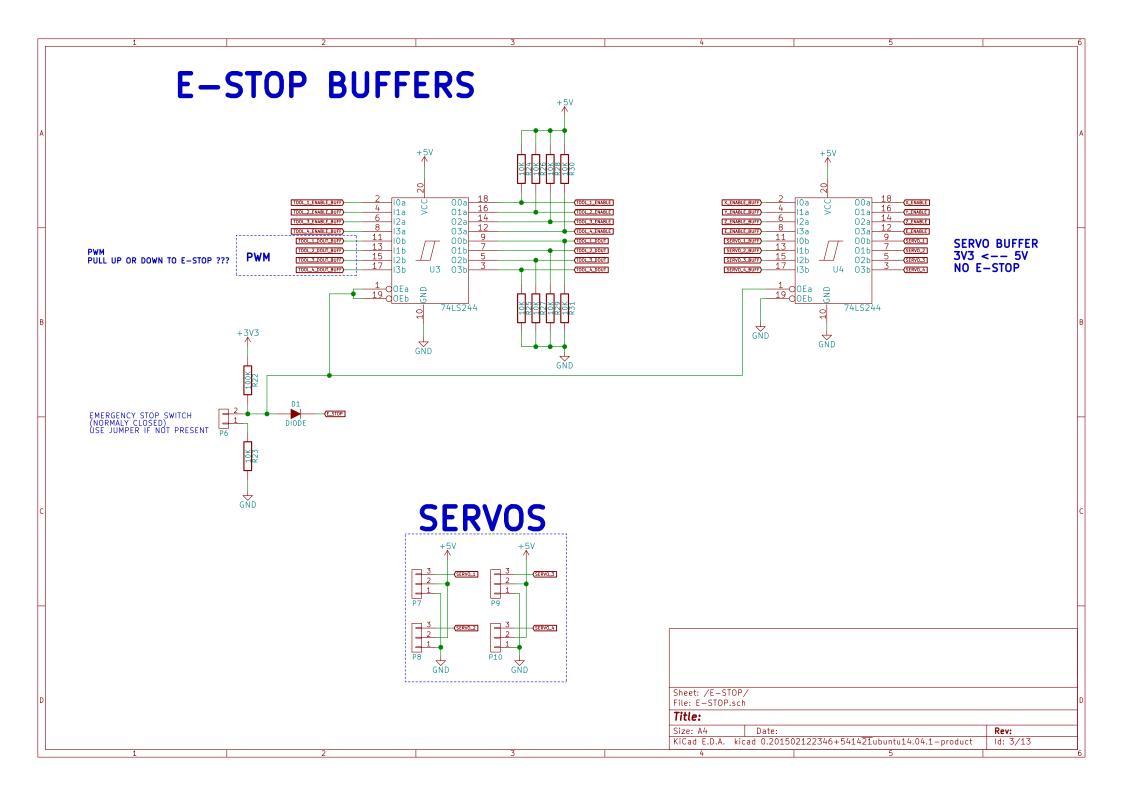
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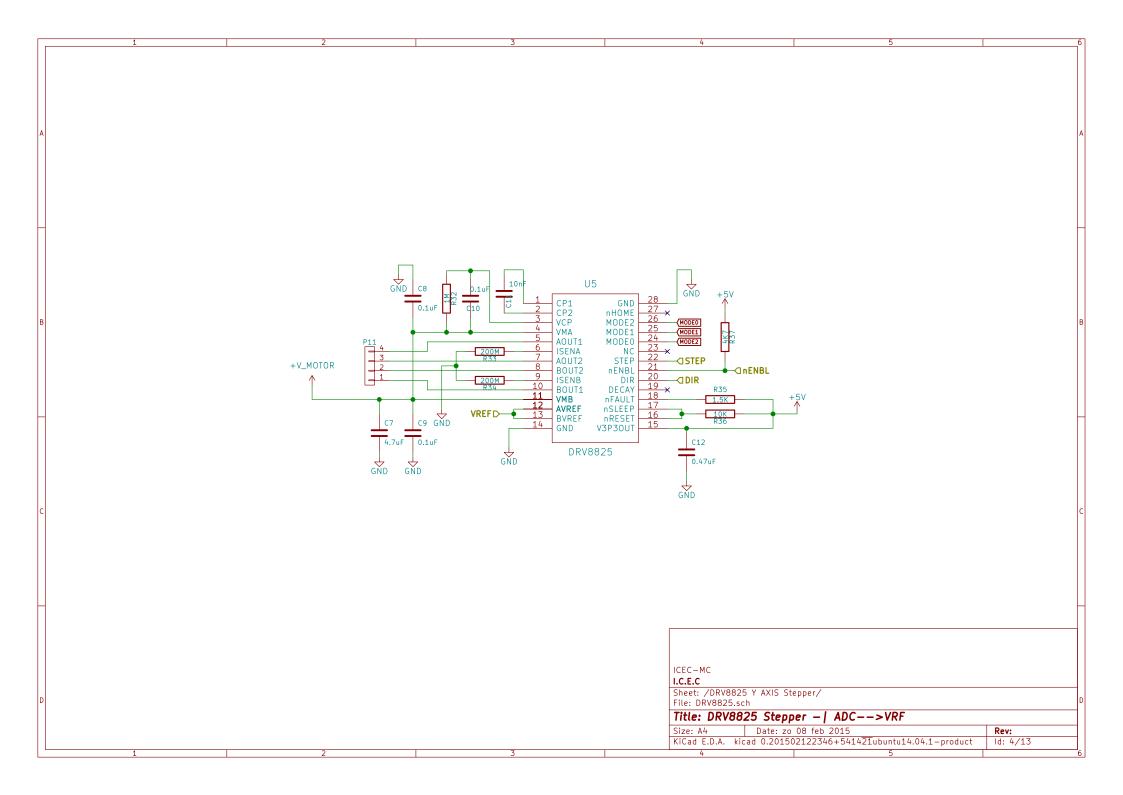
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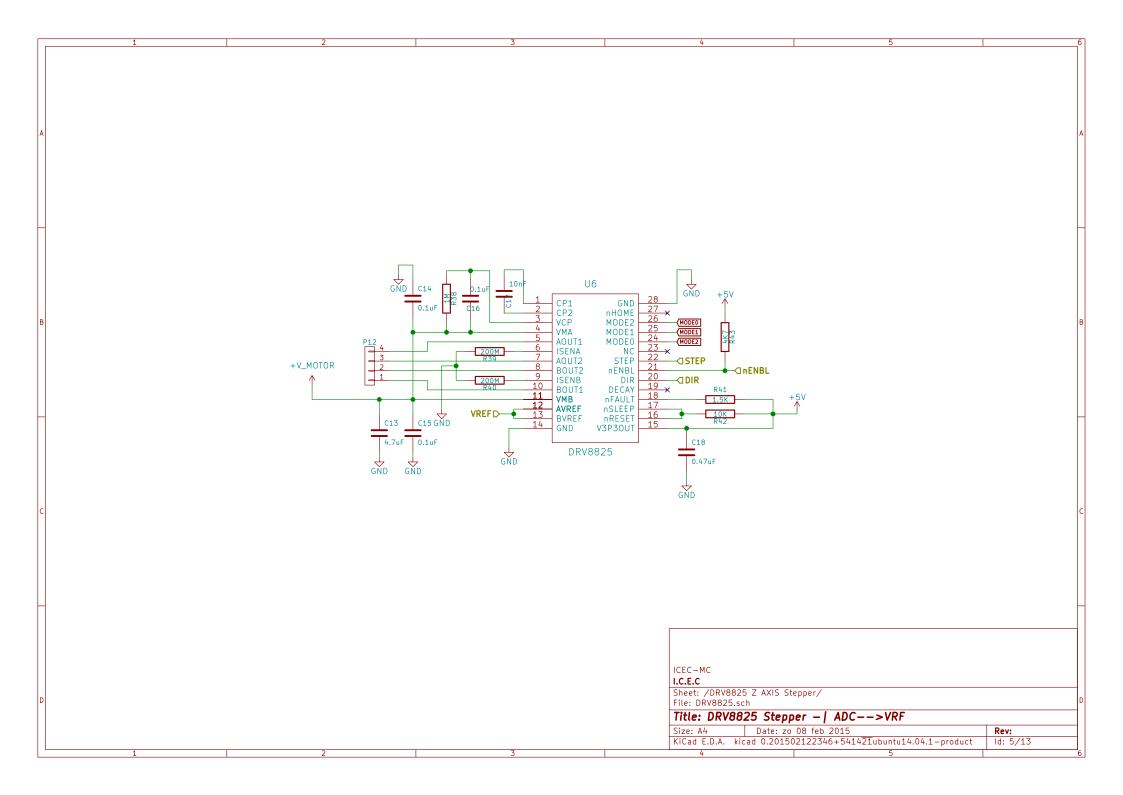


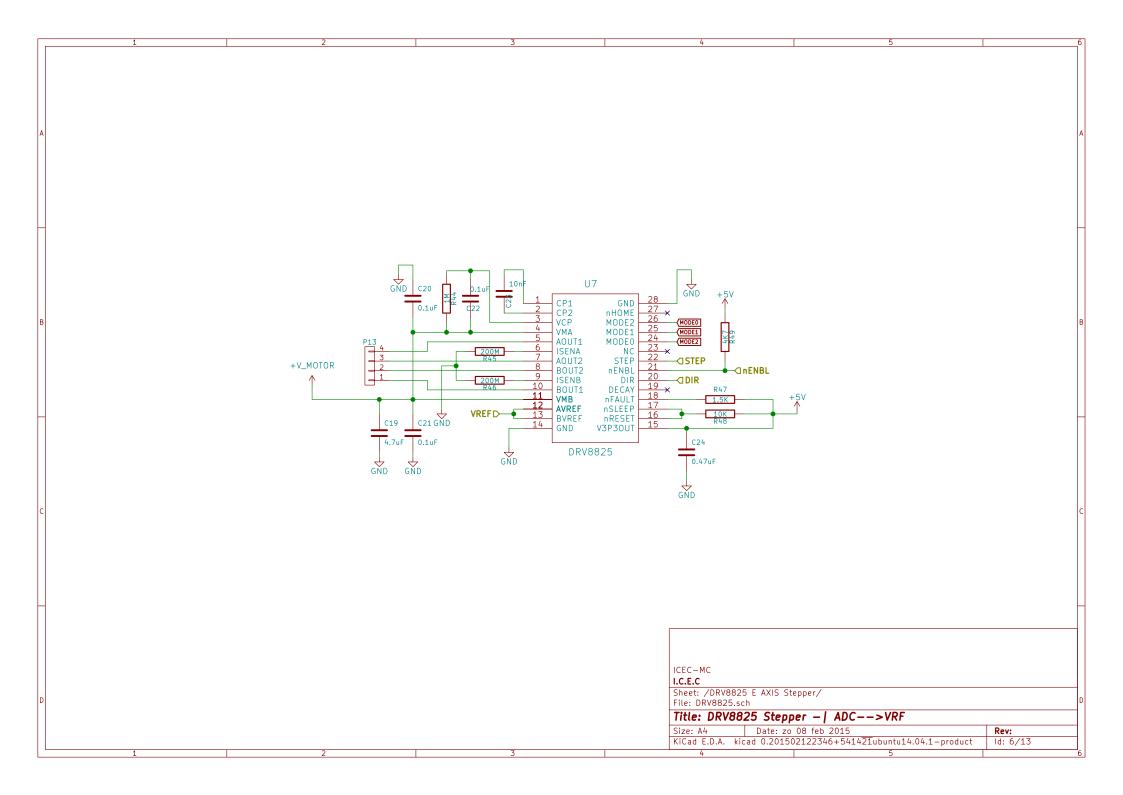








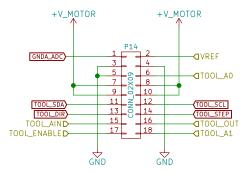




New 18pin header for FirePick Delta EAT tools (Suppose)Fully compatibel with current design.

— just be sure to leave the p1—p2 jumpers empty(unpopulated).

New header for 2 added pins. p1 |->3.3 Volt for off EAT board regulation. Keeps it from getting hot with some tools (e.g. lazer) p2 |-> Vref pin for DRV8825 <---> DAC



Sheet: /EAT_ICEC_MC_1/ File: EAT_ICEC_MC.sch

Title: ICEC MC EAT HEADER

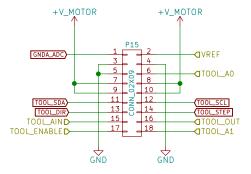
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Sheet: /EAT_ICEC_MC_2/ File: EAT_ICEC_MC.sch

Title: ICEC MC EAT HEADER

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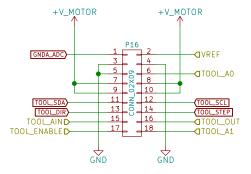
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Title: ICEC MC EAT HEADER

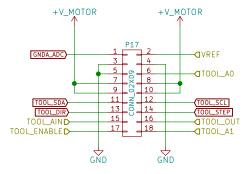
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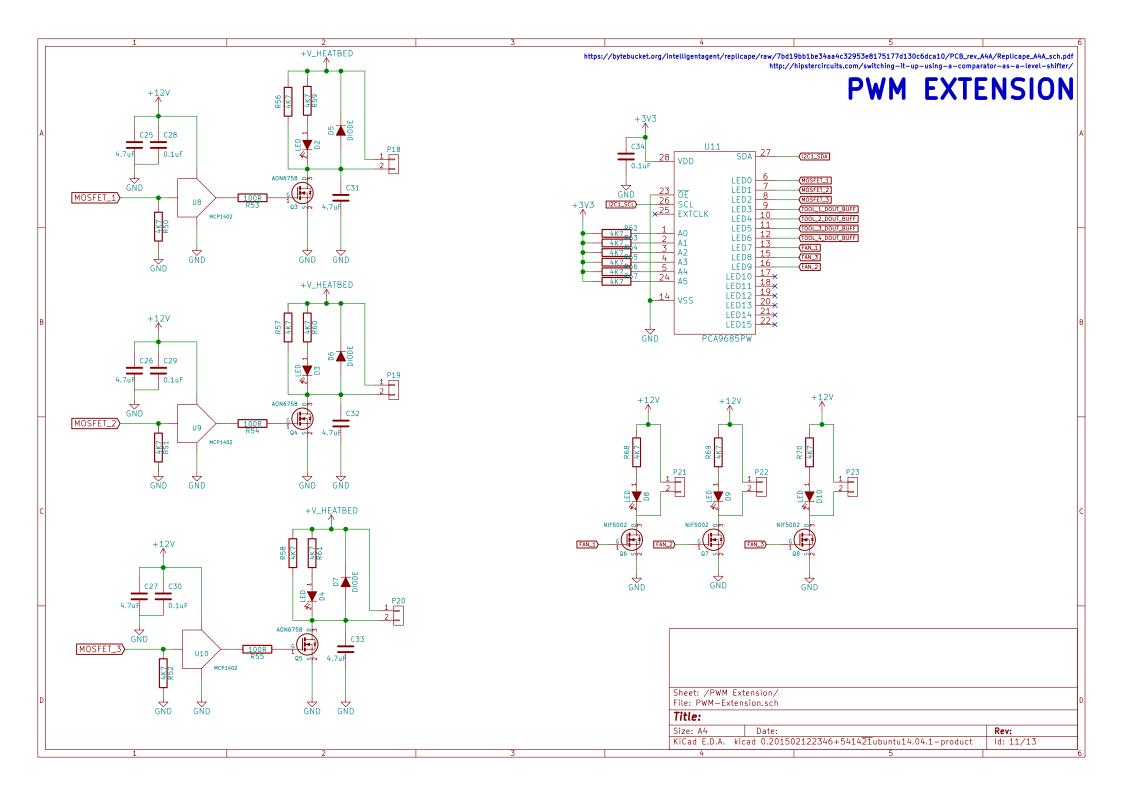


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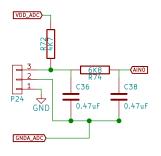
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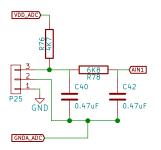
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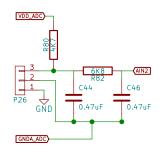


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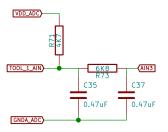
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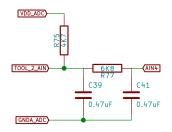


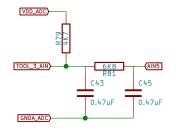


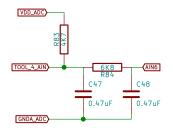


MODULAR TOOLS









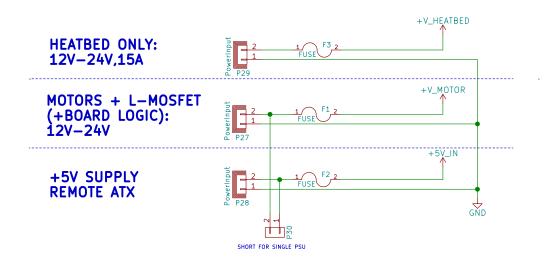
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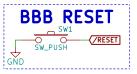
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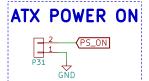
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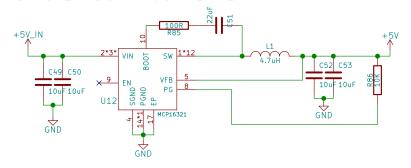
POWER INPUTS



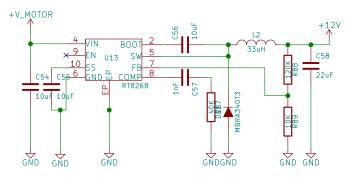




5V STEP DOWN CONVERTER



12V STEP DOWN CONVERTER



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STEP DOWN CONVERTERS TAKEN FROM REPLICAPE https://bytebucket.org/intelligentagent/replicape/raw/7bd19bb1be34aa4c32953e8175177d130c6dca10/PCB_rev_A4A/Replicape_A4A_sch.pdf