

9V to 5V and 3V3 linear regulators. PWR_FLAG +3.3٧ U2 U4 AMS1117-3.3 D1 1N5819 J3 Barr<u>el_Jack_Swi</u>tch L7805 C3 100uF 16V + C4 33uF 16V C9 33uF 16V PWR_FLAG GND GND GND GND GND

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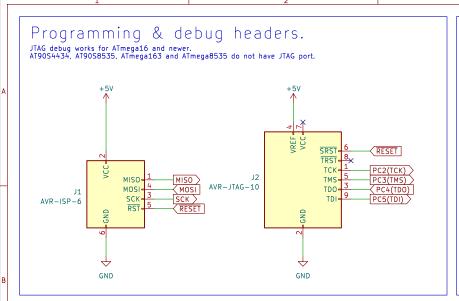
https://github.com/atoomnetmarc/AVR-demo-board

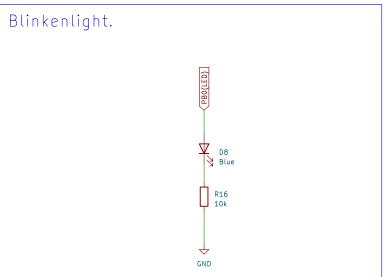
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Title: AT90S8535 demo board

 Size: A4
 Date: 2023-04-01
 Rev: V1.0

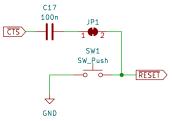
 KiCad E.D.A. kicad 7.0.10
 Id: 3/6





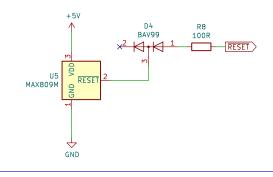


Open JP1 to disable auto reset.



Voltage monitor.

Only needed for devices without BOD like AT90S4434 or AT90S8535



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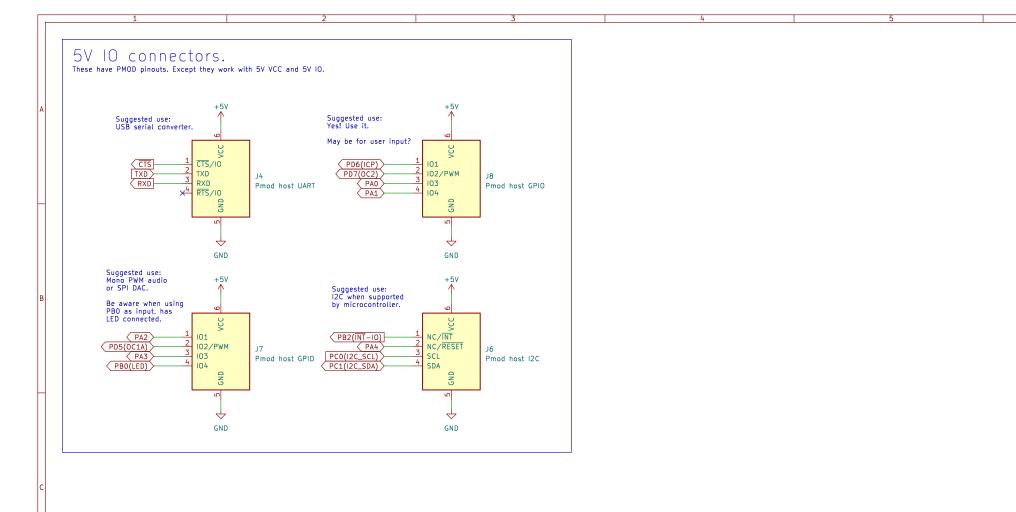
https://github.com/atoomnetmarc/AVR-demo-board

Sheet: /Programming & debug/ File: Programming debug.kicad_sch

Title: AT90S8535 demo board

 Size: A4
 Date: 2023-04-01
 Rev: V1.0

 KiCad E.D.A. kicad 7.0.10
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Sheet: /IO/
File: IO.kicad_sch

Title: AT90S8535 demo board

Size: A4	Date: 2023-04-01	Rev: V1.0	
KiCad E.D.A. kid	cad 7.0.10	ld: 5/6	

