

Programming Port + GPIO



500kHz PWM is around 8,333 iterations per Halfwave meaning $\pm 2.4A$ divisions.



TI WERBENCH



Decoupling capacitors as close to pins as possible



Isolated SCR 2 Driver



Primary: 240V/480V AC	Secondary: 3x 16V AC
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Secondary: 3x 16V AC



Secured Solutions Group

Sheet: /
File: SSS_Motherboard.kicad_sch

Title: SSS SCR Motherboard

Size: B	Date: 2025-07-11
KiCad E.D.A. 9.0.1	

Rev: A
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