117.6V Max 100.8V Nominal 70V Min ΗV GLV SDC_IN PreCh_Int R21 100K SDC_IN C1 0.1 uF D4 1N5819 Timed safety shutdown 2.42s R7 1.5K SDC_IN R19 D3 1.8K P_F LED TP3
TestPoint U4 NE555D 10K R23 R1 270K R27 D5 1.8K P_C LED U1A TP1 TestPoint LM393 U1C LM393 Use 1% resistors Precharge Resistor 25W R8 120 AIR1_Con TP5
TestPoint P_C R TP2 By TestPoint > J2 **TS+** Conn_01x02 AIR1_Con is the "negative" lead of the AIR. 12V when SDC is present. Short to GND to activate AIR. R3 12K 2 1 DC LINK CAPACITOR R4 330 R18 100K PreCh_Complt_ AIR1_Int LV Supply and Signals Mounting Holes To TSAL Mounting Holes O H1 MountingHole O H4 MountingHole O H2 MountingHole Evans Cesil Thomas (evanscesil@gmail.com) Formula Barton Racing Sheet: /
File: Precharge.kicad_sch

Title: Precharge Circuit

Size: A3 Date: 2024-09-20

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