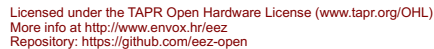




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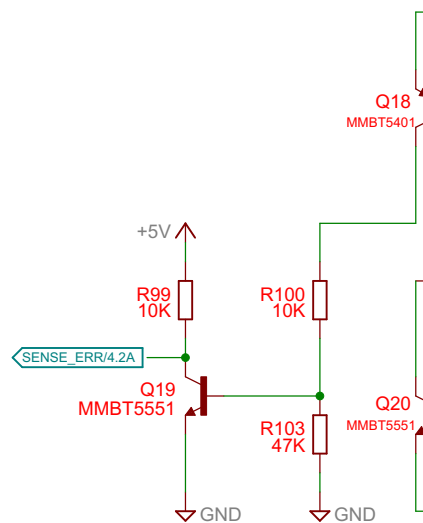


The schematic diagram illustrates the Servo Motor Driver circuit. It features a +5V supply and a CC_ACTIVE/4.2A current source. The circuit includes two LEDs, LED3-TOP (WP934MD/LYLID) and LED3-BTM (WP934MD/LYLID), with current limiters R86 and R84 (330R). Two NPN transistors, Q15 and Q16 (2N7002), are used for switching. The transistors are driven by the outputs of two LM293D comparators (IC19A and IC19B). The comparators have their non-inverting inputs connected to the +5V supply and their inverting inputs connected to the feedback signals U_SERVO/3.2C and LOOP_CTRL/3.2B. The outputs of the comparators are connected to the bases of the transistors. The emitters of the transistors are connected to ground. The collectors of the transistors are connected to the servo motor terminals I_SERVO/3.2D and V+. The servo motor is represented by a motor symbol with a feedback signal U_SERVO/3.2C. The circuit is powered by a +5V supply and a CC_ACTIVE/4.2A current source.

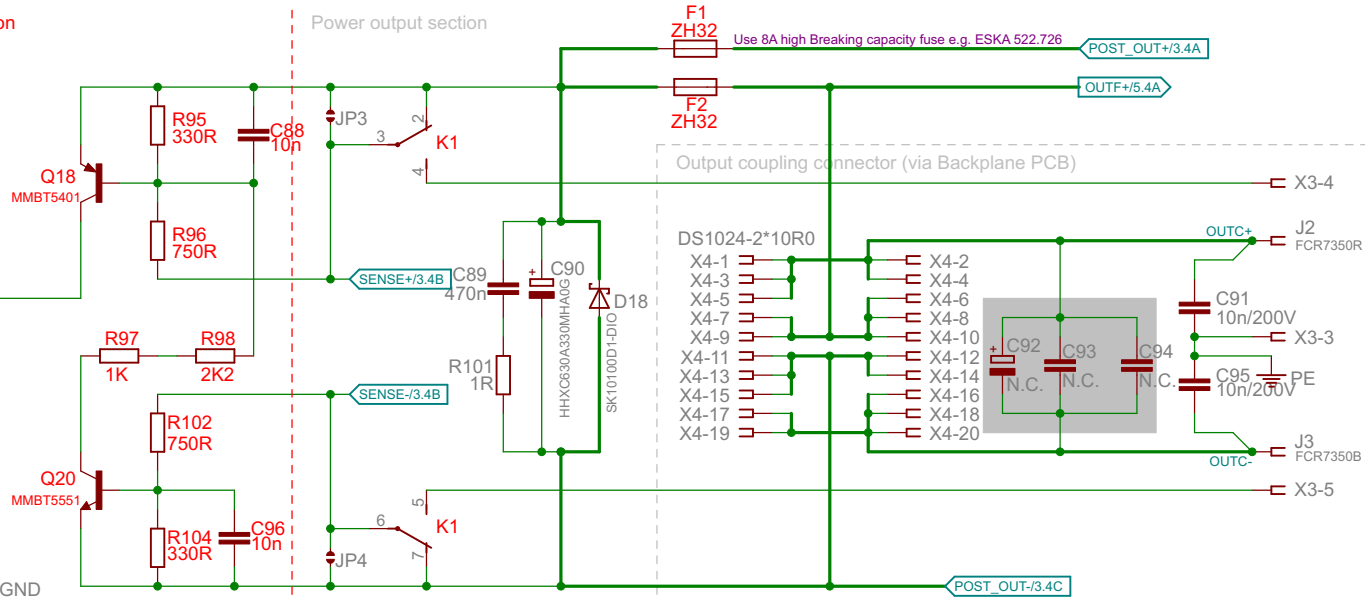
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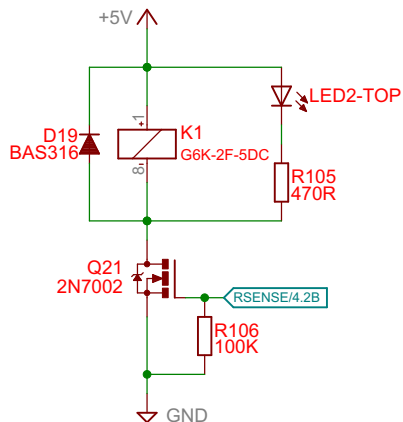
Remote sense reverse polarity detection



Power output section



Remote sense selection



20-pin power socket

OUTC+ 1	2 OUTC+
OUTC+ 3	4 OUTC+
OUTC+ 5	6 POST_OUT+ (fused)
POST_OUT+ (fused) 7	8 POST_OUT+ (fused)
POST_OUT+ (fused) 9	10 POST_OUT+ (fused)
POST_OUT- 11	12 POST_OUT-
POST_OUT- 13	14 POST_OUT-
POST_OUT- 15	16 OUTC-
OUTC- 17	18 OUTC-
OUTC- 19	20 OUTC-

Rsense polarity protection
Output coupling, Rsense relay

TITLE: EEZ DIB DCP405 r2B6

Document Number:

REV:

Date: 19.9.2019. 11:55

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