

Pinout Logic Board + Lowpower Output HP8440 Powerbox

- Con4-30 GND
- Con4-29 In11
- Con4-17 O Cursum0-5v
- Con4-34 USB 5V
- Con4-28 In10
- Con4-18 +War/Reset
- Con4-36 USB dm
- Con4-22 In4
- Con4-33 CAN L
- Con4-37 USB GND
- Con4-25 In7
- Con4-32 CAN GND
- Con4-35 USB dp
- NOT USED
- Con4-31 CAN H
- Con4-9 LP Out9
- Con4-21 In3
- Con4-1 LP Out1
- Con4-10 LP Out10
- Con4-26 In8
- Con4-2 LP Out2
- Con4-11 LP Out11
- Con4-24 In6
- Con4-3 LP Out3
- Con4-12 LP Out12
- Con4-20 In2
- Con4-4 LP Out4
- Con4-13 LP Out13
- Con4-19 (+)In1
- Con4-5 LP Out5
- Con4-14 LP Out14
- Con4-23 In5
- Con4-6 LP Out6
- Con4-15 LP Out15
- NOT USED
- Con4-7 LP Out7
- Con4-16 LP Out16
- Con4-27 In9
- Con4-8 LP Out8

**+ 12V
SUPPLY TOP PCB**

The lower section of the PCB features four Infineon BTS721L1 transistors (part number NPO17967.04) arranged in two pairs. Two MCP23S17-E/S0 digital I/O expanders (part number 1008Y1M) are also present. The board is populated with numerous resistors of various values (e.g., 220, 100, 10k, 1k) and capacitors, including a prominent 68µF capacitor. The components are interconnected with a dense network of copper traces on the green PCB.