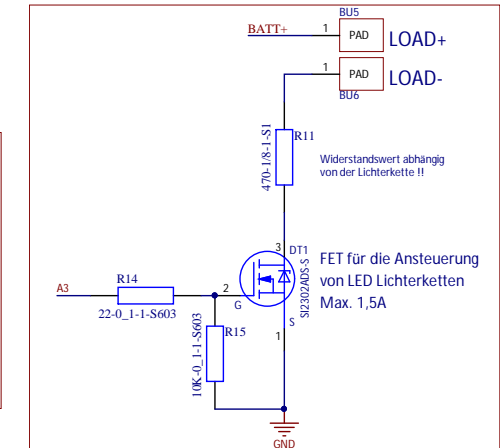
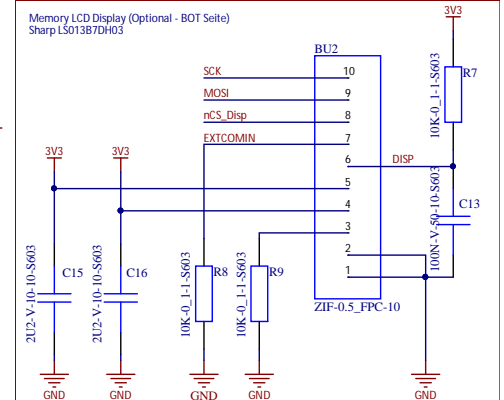
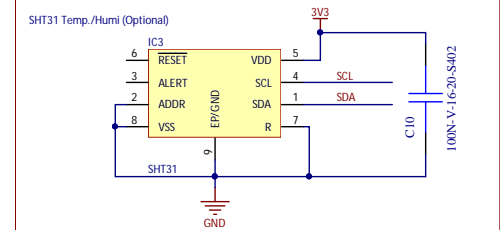
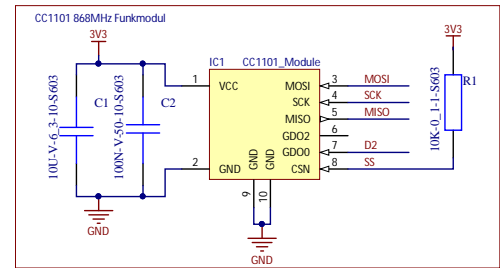


The schematic diagram illustrates the MCP73831-2ACI/OT battery charger circuit. Key components and connections include:

- Input Section:** A +5V input is connected to a 100nF capacitor (C3) and a 100uF capacitor (C9). The input is also connected to a 2K20 resistor (R5) and a 470uF capacitor (R3).
- IC4 (MCP73831-2ACI/OT):** The IC is connected to the input section. Pin 1 (VDD) is connected to +5V. Pin 2 (VSS) is connected to GND. Pin 3 (VBAT) is connected to the +5V input. Pin 4 (STAT) is connected to the +5V input. Pin 5 (PROG) is connected to GND. Pin 6 (VSS) is connected to GND.
- Output Section:** The output is connected to a 100uF capacitor (C11) and a 470uF capacitor (R3). The output is also connected to a 2K20 resistor (R5) and a 470uF capacitor (R3).
- Other Components:** A 100nF capacitor (C3) is connected to the input. A 100uF capacitor (C9) is connected to the input. A 2K20 resistor (R5) is connected to the input. A 470uF capacitor (R3) is connected to the input. A 100uF capacitor (C11) is connected to the output.

Header 4Pol. 2,54



Title			
Li-Ion Batterie Aktor aka HM-LC-SW1-Li			
Size	Number	Revision	
A3		V0.3	
Date:	20.11.2019	Sheet	1 of 1
File:	D:\ALTIUM\...\01_SchDoc	Drawn By:	Asselhead