







## V/F converters for battery NTC (optional) Ch#1 Temp out 22-23-2031 X9-1 +5V CH1 LED CC1 TEMP\_FREQ1 L-934ID X9-2 -IC18 TR Q 2N7002 IC17B BC857BS LED\_CC1 BC857BS C45\_\_\_ DIS 100n Ch#1 NTC R29 2N7002 LED CV1 NTC1 L-934YD CV THR - X10-1 GND CH1 1K5 **X**10-2 GND V+ 22-23-2021 See note 4.1 NE555D GND\_CH1 X9-3 -Ch#2 Temp out LED CC2 22-23-2031 X11-1 +5V CH2 L-934ID TEMP FREQ2 X11-2 -IC20 LED\_CC2 TR Q IC19B LED\_CV2 L-934YD 2N7002 BC857BS LED CV2 BC857BS R DIS Ch#2 NTC NTC2 X12-1 X12-2 R35 CV THR GND ↓ 100K GND V+ 22-23-2021 See note 4.1 NE555D GND CH2 X11-3 -3-pin connector 2-pin connector Channel +5V 1 Battery NTC out 1 O Battery gnd O NTC (V/F output) 2 O Channel Gnd 3 O LED CC/CV indicators U/F converters for battery NTC (optional) TITLE: EEZ Arduino shield+BP r1B12b Document Number: REV: Important: channel's supply is used for driving each NE555 separately. No not connect channels' +5V and ground with onboard supply!

Date: 16. 11. 2015. 17:53

Sheet: 5/5

Note 4.1: Solder X10 and X12 to the PCB's opposite side

Licensed under the TAPR Open Hardware License (www.tapr.org/OHL)