Hochschule Esslingen

University of Applied Sciences

Fakultät Informationstechnik



Technical drawings Masterquad 2015

in the degree course ASM-SB of the Faculty Graduate School ASM2

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1 Individual parts

1.1 Raspberry Pi B+

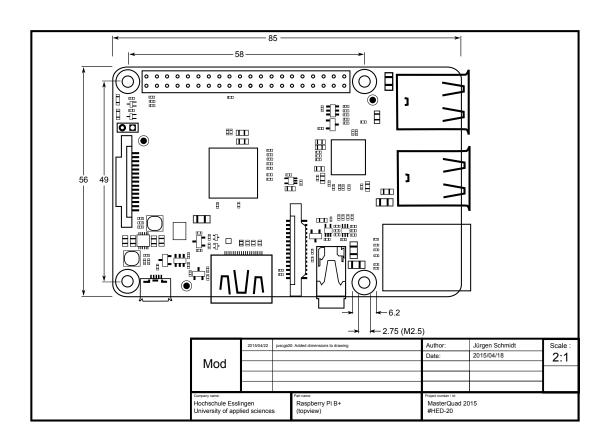


Figure 1.1: Raspberry Pi B+ (topview)

1 Individual parts 1.2 Adafruit GPS Hat

1.2 Adafruit GPS Hat

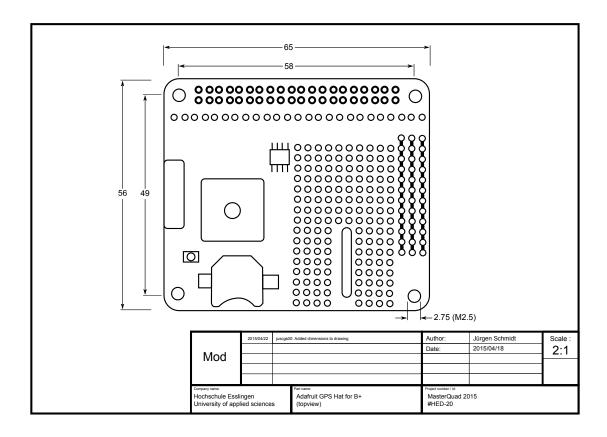


Figure 1.2: Adafruit GPS Hat

1 Individual parts 1.3 Polulu AltIMU v4

1.3 Polulu AltIMU v4

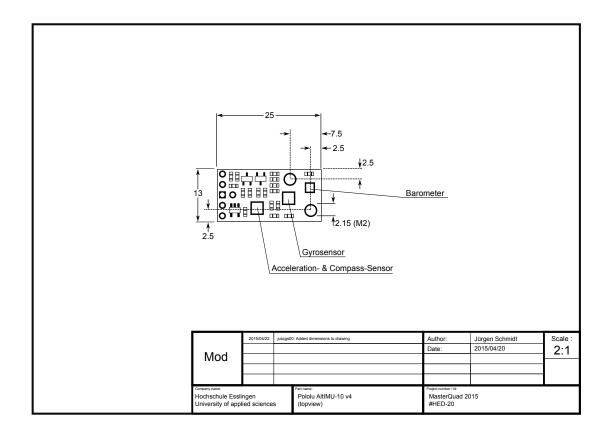


Figure 1.3: Polulu AltIMU v4

1.4 Adafruit 12bit ADC over I2C

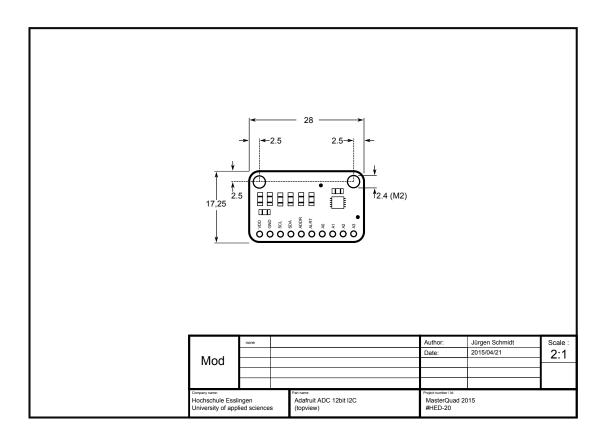


Figure 1.4: Adafruit 12bit ADC over I2C

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2 Assembly

2.1 Placing ADC and IMU on GPS Hat

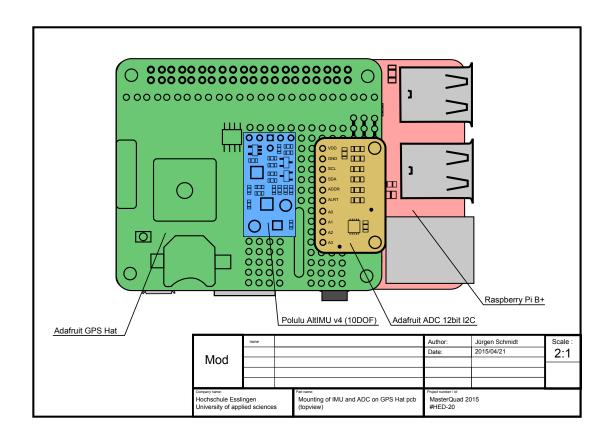


Figure 2.1: Placing ADC and IMU on GPS Hat

2.2 Wedding of GPS Hat and Raspberry Pi $\ensuremath{\mathsf{B}}+$

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