BOM

product	bron	aantal	kostprijs/stuk (chip formaat voor eindproduct)
IMU: ICM-20948	https://www.digikey.be/product-detail/nl/sparkfun-electronics/SEN-15335/1568-SEN-15335-ND/10279707	1	breakout: €18,56
RFID: MFRC630	https://nl.farnell.com/nxp/clev6630bm/dev-kit-nfc-frontend-development/dp/2769725?st=MFRC630	1	chip: €4 breakout: € 33,94
LED backlight PRODUCT ID: 1621	https://www.adafruit.com/product/1621	4	€ 2,95
Drukknop	https://www.watersportvoordeel.nl/waterdichte-drukknop-schakelaar-12-volt.html	1	€ 2,90
7 segment decoder	https://www.mouser.be/ProductDetail/Texas-Instruments/CD4045BE?qs=%2Fha2pyFaduiqD6ubagu6cNg%252BfQRIDRpkksPvDkKlcl8%3D	1	€0,52
ARM Cortex M0+ EFM32HG322F64G-C-QFP48R	https://www.mouser.be/ProductDetail/Silicon-Labs/EFM32HG322F64G-C-QFP48R?qs=sGAEpiMZZMuoKKEcg8mMKBqzY3je6yKyafl1L0U7GGK11cou4bKDIA==&fbclid=IwAR0R9JCbEVbwxucQougph-0eYURx9TzTOOqiD3AxheryG2_ppLM3ZMRPymo	1	€ 2,21
LoRa module: RN2483	https://www.digikey.be/product-detail/en/microchip-technology/RN2483A-I-RM103/RN2483A-I-RM103-ND/7066515	1	€ 11,93
Zonnepaneel	https://www.kiwi-electronics.nl/medium-6v-2w-zonnepaneel?search=voltaic&description=true	1	€ 34,95

development kost met breakout boards:
33.94 + 18,56 + 34,94 +2,90 + 0,52 = € 90.86

end product cost with IC's (not breakout boards) :
5 + 4 + 3 + 2,21 + 11,93 + 34,94 + 2,90 + 0,52 = € 64.50