Upgrade

Ci servono

Abbiamo

* 2x amg8833 (telecamere termiche) <https://www.melopero.com/shop/sensori/temperatura/melopero-amg8833-grid-eye-ir-array-breakout8833/>
* 4x motori(con encoder(non sono uguali a i nostri ma similissimi))

<https://www.distrelec.it/it/motore-dc-39-mm-con-cambio-encoder-30-12-vdc-micro-motors-rhe158-30-12v/p/15448402?track=true>

* 2x pololu (o simili)

<https://www.melopero.com/shop/componenti/pololu-dual-vnh5019-motor-driver-shield-for-arduino/>

* 4x telecamere usb

<https://www.distrelec.it/it/dash-cam-1280-1024-12-vdc-valueline-svl-carcam10/p/30036026?track=true>

* 1x rasperry pi (va bene anche la 3 io ho messo la 4 perche ho trovato questo)

<https://www.melopero.com/shop/raspberry-pi-4/raspberry-pi-4-model-b-4gb/>

* 1x arduino mega

<https://www.melopero.com/shop/arduino-original/arduino-mega-2560-rev3/>

* 8x/10x ultrasuoni

<https://www.conrad.it/p/sensore-a-ultrasuoni-st1099-iduino-st1099-1616245>

* 2x/4x sensori di riflesso
* 2x arduino nano (si puo fare anche senza ma e spararsi nelle palle)

<https://www.distrelec.it/it/scheda-nano-arduino-arduino-a000005/p/11096733?track=true>

* Legno da 6mm
* 1xRegolatore tesione dc-dc 5v(per raspy)

<https://www.melopero.com/shop/componenti/circuiti-integrati/regolatori-circuiti-integrati/pololu-5v-step-upstep-down-voltage-regulator-s7v8f5/>

* 1xRegolatore tensione dc-dc 9v(per arduino)

<https://www.melopero.com/shop/robotica/pololu-adjustable-step-upstep-down-voltage-regulator-s8v3a/>

* 1xRegolatore tensione dc-dc 12v (almeno 4-5A per motori)

<https://www.conrad.it/p/scheda-di-sviluppo-buckboost-1875989>

* 1xGiroscopio

<https://it.rs-online.com/web/p/kit-di-sviluppo-di-sensore/7813033/>