Materiales para la construcción de 1 agente robot de PROE

Cantidad	Nombre	Número parte	Link
1	Batería Lipo 2Ah	AD4196	https://www.microjpm.com/products/bateria-de-polimero-de-iones-de-litio-3-7v-2500mah/
1	Boost	ADA-1903	https://www.crcibernetica.com/powerboost-500-basic-5v-usb-boost-500ma-from-1-8v/
1	Puente H (módulo)	TB6612FNG	https://www.crcibernetica.com/generic-motor-driver-1a-dual-tb6612fng/
2	Motores DC encoder	ROB-CB0N20	https://www.crcibernetica.com/n20-gearmotor-with-encoder-and-wheel/
2	Soporte motores	ROB-CB02443	https://www.crcibernetica.com/micro-gearmotor-support-bracket/
1	Ball caster (2 apoyos)	ROB-00320	https://www.microjpm.com/products/ball-caster-omni-directional-metal/
1	uC Feather M0 RFM69	ADA-3176	https://www.crcibernetica.com/adafruit-feather-m0-rfm69-packet-radio-868-or-915-mhz/
1	Magnetómetro	IM130918001	https://www.crcibernetica.com/hmc5883l-triple-axis-compass-magnetometer-sensor-module/
1	uC Blue Pill	DEV-CB02143	https://www.crcibernetica.com/stm32f103c8t6-arm-stm32-blue-pill-microcontroller-board/
1	Servomotor	MG90S	https://www.crcibernetica.com/mg90s-micro-servo-with-metal-gears/
1	Sensor IR adelante	SEN-CB0006	https://www.crcibernetica.com/infrared-obstacle-avoidance-module/
2	Sensor IR abajo	SEN-CB0005	https://www.crcibernetica.com/track-sensor-module/
1	Sensor Temperatura	SEN-10988	https://www.crcibernetica.com/tmp36-temperature-sensor/
1	Sensor sharp	IM130619002	https://www.crcibernetica.com/sharp-gp2y0a21yk-distance-measuring-sensor/
1	Pines	PRT-00116	https://www.crcibernetica.com/break-away-headers-straight/
1	Interruptor general	COM-CB0372	https://www.crcibernetica.com/slide-switch/
1	Interruptor pequeño	COM-09609	https://www.crcibernetica.com/spdt-slide-switch/
1	LED azul	COM-11372	https://www.crcibernetica.com/led-basic-blue-5mm/
1	LED rojo	COM-09594	https://www.crcibernetica.com/led-basic-yellow-5mm/
1	LED amarillo	COM-09590	https://www.crcibernetica.com/led-basic-red-5mm/
1	IMU	MPU-6050	https://www.crcibernetica.com/mpu-6050-triple-axis-accelerometer-and-gyroscope-module/
1	Memoria eeprom	AT24C16	https://www.microjpm.com/products/at24c16-two-wire-serial-eeprom/
2	Conector de motor hembra	JST-ZH	https://www.ebay.com/itm/JST-ZH-1-5mm-Pitch-4-Pin-Right-Angle-Male-PCB-Connector-Shrou
1	Conector de la bateria	JST-PH	https://www.ebay.com/itm/JST-PH-2-0mm-Pitch-2-Pin-Male-Right-Angle-Connector-Shrouded-
3	Hembra 40 pines, 1 fila		https://www.microjpm.com/products/conector-hembra-de-40pins-2-54mm-una-fila-/
1	Bases para memoria 8 pines		https://www.ebay.com/itm/100PCS-DIP8-Integrated-Circuit-8-Pin-IC-Sockets-Adaptor-Solder-T
3	Capacitores poliester 100nF		https://www.microjpm.com/products/a100if-100v-capacitor-poliester-metalizado/

Otros

Cantidad	Nombre	Modelo	Link
	Programador Blue Pill	DEV-CB0468	https://www.crcibernetica.com/st-link-v2-mini-programmer-color-may-vary/
	Cable USB	CAB-10215	https://www.crcibernetica.com/usb-microb-cable-80-cm/
	Caja Espaciadores y tornillos	TOL-CB0513	https://www.crcibernetica.com/m3-nylon-screw-black-hex-screw-nut-nylon-pcb-standoff-assortm