Bill Of Materials for: [Team 13] [Smart Animal Feeder]
Last modified: [05 December 2023]
PCB version: [PCB VERSION #2]
BOM revision: [BOM REVISION #2]   P/NP = Place/Not Place (components marked NP are not stuffed on the board)

Cnt	Part References	P/NP	Mfg	Mfg PN	Description	Dist	Dist Part Number	Cost Ea.	Cost Total
1	NA	NP	Zevro	KCH-06114	Food Dispenser Single Control	Amazon	B00013K8O4	$17.72	$17.72
1	RFID1	P/NP	Smooth Technology	5402	RFID Kit with multiple contents inside	Adafruit	5402	$49.95	$49.95
1	M1	NP	Toshiba	TA8080K	TA8080K Motor Driver With Brake Function	Applied Motion Products Inc.	4023-820	$9.99	$9.99
1	A1	NP	Elegoo	EL-CB-001	Arduino UNO R3 Board	Elegoo	EL-CB-001	$18.00	$18.00
1	U1	NP	Qunqi	MK-050	H Bridge Driver for DC Stepper For Arduino	Amazon	CECOMINOD012186	$6.99	$6.99
3	R1, R2, R3	P	Yageo	CFR200J1K0	0 Ohms resistors	Digikey	13-CFR-25-T-52-0RCT-ND	$0.10	$0.30
8	NA	P	Z&T Store	WSJ-100	Jumper Wires	Amazon	B005TZJ0AM	$0.11	$0.88
1	J1	P	CUI Devices	PJ-102AH	Barell Jack	Digikey	CP-102AH-ND	$0.70	$0.70
1	NA	NP	NA	NA	Wood board for the base of the project	NA	NA	$0.00	$0.00
1	NA	NP	M-D Building Products	56032	Sheet of metal for the ramp for the food	Home Depot	1001195220	$10.47	$10.47
1	NA	NP	OSHPark	NA	Main PCB Board	OSHPark	NA	$26.67	$26.67
							TOTAL:		$141.67

VERSION INFO

Rev	Date	Notes
1.0r2	2023-12-05	Adding more parts that was needed when putting them together
1.0r1	2023-11-08	Cleaned up parts, rough draft of board
1.0r0	2023-11-05	Initial BOM