Bill Of Materials for: Group 12
Last modified: 11/14/2024
PCB version: 1.0
BOM revision: 1   P/NP   = Place/Not Place
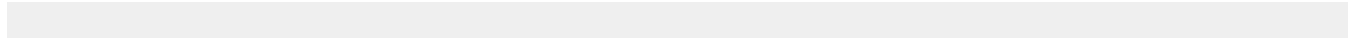
Cnt	Part References	P/NP	Mfg	Mfg PN
1	C0	P	ESPRESSIF	ESP-WROOM-32
1	C1	P	Handson Tech	RFID-RC522
1	C2	NP	RAJGURU	R307
1	C3	P	ILITEK	ILI9163
1	C4	P	STMicroelectron	LM317T
1	C5	P	SONGLE	SRD-12VDC-SL-C
1	C6	NP	ATOPLEE	15060012S02
1	N/A	P	California JOS	810108860136
1	N/A	P	LitStar	GMFINE

VERSION INFO

Rev	Date	Notes
1.0r0	2020-11-14	Initial BOM

Description	Dist	Dist Part Number	Cost Ea.	Cost Total
ESP32 Microcontroller	Adafruit	N/A	$15.00	$15.00
RFID Chip Scanner	Amazon	B07KGBJ9VG	$3.99	$15.99
Fingerprint Scanner	Amazon	B089LXDG94	$19.33	$19.33
OLED Display	Amazon	3-01-1435	$8.49	$8.49
Voltage Regulator	Mouser	511-LM317T	$0.63	$0.63
12V 1-Channel Relay	Amazon	B0D2N7BST9	$0.93	$5.59
Solenoid Lock	Amazon	N/A	$3.99	$15.99
12V DC Power Jack	Amazon	B09ZBN38FS	$1.39	$6.99
12V 2A AC Adapter Charger	Amazon	B0852HX9HV	$11.99	$11.99
			TOTAL:	**$100.00**