Bill of Materials for Fingerprint door						Change in entry				
Modified: 11/5/2020 11/13/2020 11/14/2020 12/6/2020						Change in quantity				
						New/Alt Part added				
Index	Quantity	Mfr. Product Number	Manufacturer	Description	Vendor	Vendor PN	Alt Mfr 1	Alt Mfr PN 1	Alt Mfr 2	Alt Mfr PN 2
1	2	ATMEGA328P-PN	Microchip	AVR series Microcontroller IC 8-Bit 20MHz 32KB (16K x 16) FLASH 28-PDIP	Digi-Key	ATMEGA328P-PN-ND				
2	1	SEN0188	DFRobot	Sensor Output	Digi-Key	1738-SEN0188-ND				
3	1	DFR0554	DFRobot	Character LCD 16x2 RGB Display Gravity Platform Evaluation Expansion Board	Digi-Key	1738-1418-ND				
4	1	FIT0426	DFRobot	Kit	Digi-Key	FIT0426-ND				
5	1	BOB-12731	SparkFun Electronics	FT232R USB 2.0 to UART Interface Evaluation Board	Digi-Key	1568-1195-ND				
6	2	LFXTAL027945BULK	IQD Frequency Products	16MHz ±30ppm Crystal 22pF 40 Ohms HC-49/US	Digi-Key	1923-1788-ND				
7	2	TIP122	STMicroelectronics	Bipolar (BJT) Transistor NPN - Darlington 100V 5A 2W Through Hole TO-220AB	Digi-Key	497-2543-5-ND				
8	2	L7805ACV-DG	STMicroelectronics	Linear Voltage Regulator IC 1 Output 1.5A TO-220	Digi-Key	497-15682-5-ND				
9	2	2BAY9V-9V*2	EBL	9V Li-ion Rechargeable Batteries (2PC) and Smart 9V Battery Charger	Amazon	B079G37Y61				
10	1	JF0022	JianFeng Store	6 mm 2 Pin Momentary Tactile Tact Push Button Switch Through Hole Breadboard Friendly for the Panel PCB	Amazon	B07WF76VHT				
11	1	3-01-0661-1	HiLetgo	FT232RL FTDI Mini USB to TTL Serial Converter Adapter Module 3.3V 5.5V FT232R Breakout FT232RL USB to Serial Mini USB to TTL Adapter Board	Amazon	B00IJXZQ7C				
12	1	SA-18-047	SIQUK	1480 Pieces Resistors 68 Values 1% Resistor Kit 0 Ohm-1M Ohm 1/4W Metal Film Resistors Assortment	Amazon	B07PTNN78Z				
13	1	500-eca	OCR	24Value 500pcs Electrolytic Capacitor Assortment Box Kit	Amazon	B01MSQOX0Q				
14										