

								Total of all parts: \$188.7
ECE 196 BOM (5x Devices)		Melissa De La Cruz Giselle Mendoza Dustin Miller						
Date Ordered	Product Name	Justification	Website	Supplier	Quantity per Order	# Orders	Price (per order)	Extended Price
10/23/2024	3.5 inch Cap. Touch Screen	we need this to display information to the user	<a href="https://www.amazon.com/gp/product/B0CMD7Y55M/">https://www.amazon.com/gp/product/B0CMD7Y55M/</a>	Amazon	1	1	\$18.99	\$18.99
10/30/2024	uxcell 1W 8 Ohm Mini DIY Magnetic Speaker Replacement Loudspeaker 15mmx24mm for Electronic and GPS Navigator 8pcs	We need this to output audio reminders from our device	<a href="https://www.amazon.com/uxcell-Replacement-Loudspeaker-15mmx24mm-Electronic/dp/B082658QXL">https://www.amazon.com/uxcell-Replacement-Loudspeaker-15mmx24mm-Electronic/dp/B082658QXL</a>	Amazon	8	1	\$9.49	\$9.49
10/30/2024	Teyleten Robot Max98357 I2S 3W Class D Amplifier Breakout Interface Dac Decoder Module Filterless Audio Board for Raspberry Pi Esp32 5pcs	we need this to be able to connect our speaker to the pcb	<a href="https://www.amazon.com/Teyleten-Robot-Amplifier-Interface-Filterless/dp/B0B4GK5R1R/">https://www.amazon.com/Teyleten-Robot-Amplifier-Interface-Filterless/dp/B0B4GK5R1R/</a>	Amazon	5	1	\$13.88	\$13.88
10/30/2024	3.7V 2000mAh 455572 Lipo Battery Rechargeable Lithium Polymer ion Battery Pack with JST Connector	need to power our esp32	<a href="https://www.amazon.com/AKZYTUE-2000mAh-Battery-Rechargeable-Connector/dp/B07TVDPTZQ/">https://www.amazon.com/AKZYTUE-2000mAh-Battery-Rechargeable-Connector/dp/B07TVDPTZQ/</a>	Amazon	1	1	\$8.09	\$8.09
10/30	3.7V 1500mAh 804048 Lipo battery Rechargeable Lithium Polymer ion Battery Pack with JST Connector	need to power our esp32	<a href="https://www.amazon.com/AKZYTUE-1500mAh-Battery-Rechargeable-Connector/dp/B07TVDNBN4/">https://www.amazon.com/AKZYTUE-1500mAh-Battery-Rechargeable-Connector/dp/B07TVDNBN4/</a>	Amazon	1	1	\$7.49	\$7.49
10/30/2024	PH 2.0mm Socket Kit Compatible with JST-PH 2.0mm Pitch PCB Connectors Through-Hole Side Entry Type Right Angle Stemma	need to connect our battery to our esp32	<a href="https://www.amazon.com/Socket-Compatible-JST-PH-Connectors-Through-Hole/dp/B0BM492MMF">https://www.amazon.com/Socket-Compatible-JST-PH-Connectors-Through-Hole/dp/B0BM492MMF</a>	Amazon	85	1	\$8.99	\$8.99
10/30/2024	PNY P-SDU32GX5U1100EL-MP 32GB Elite Class 10 U1 microSDHC Flash Memory Card - 100MB/s, Class 10, U1, Full HD, UHS-I, Micro SD, 5 Count (Pack of 1)	Need to increase the storage we have for the data collection we will take from the user. Additional application storage.	<a href="https://www.amazon.com/PNY-Elite-microSDHC-Memory-5-Pack/dp/B09WW69YRD">https://www.amazon.com/PNY-Elite-microSDHC-Memory-5-Pack/dp/B09WW69YRD</a>	Amazon	5	1	\$21.99	\$21.99
10/30/2024	Micro SD SDHC TF Card Adapter Reader Module with SPI Interface Level Conversion Chip Compatible with Arduino Raspberry PI 10pcs	Need so we can add our sd card to the pcb board	<a href="https://www.amazon.com/UMLIFE-Interface-Conversion-Compatible-Raspberry/dp/B0989SM146">https://www.amazon.com/UMLIFE-Interface-Conversion-Compatible-Raspberry/dp/B0989SM146</a>	Amazon	10	1	\$8.89	\$8.89
10/30/2024	PTS815 SJM 250 SMTR LFS	need to implement our botton selection for our device	<a href="https://www.digikey.com/en/products/detail/c-k/PTS815-SJM-250-SMTR-LFS/9947846">https://www.digikey.com/en/products/detail/c-k/PTS815-SJM-250-SMTR-LFS/9947846</a>	Digikey	1	15	\$0.26	\$3.90
10/30/2024	RC0201FR-07100KL	need to control the gain for our amplifier	<a href="https://www.digikey.com/en/products/detail/yageo/RC0201FR-07100KL/1948859">https://www.digikey.com/en/products/detail/yageo/RC0201FR-07100KL/1948859</a>	Digikey	1	15	\$0.10	\$1.50
11/13/2024	3.5 inch Cap. Touch Screen	we need this to display information to the user	<a href="https://www.amazon.com/gp/product/B0CMD7Y55M/">https://www.amazon.com/gp/product/B0CMD7Y55M/</a>	Amazon	1	3	\$18.99	\$56.97
11/13/2024	3.7V 2000mAh 455572 Lipo Battery Rechargeable Lithium Polymer ion Battery Pack with JST Connector	need to power our esp32 & pcb	<a href="https://www.amazon.com/AKZYTUE-2000mAh-Battery-Rechargeable-Connector/dp/B07TVDPTZQ/">https://www.amazon.com/AKZYTUE-2000mAh-Battery-Rechargeable-Connector/dp/B07TVDPTZQ/</a>	Amazon	1	3	\$8.09	\$24.27
11/13/2024	CL21A106KOQNNNE	Capacitors for our PCB	<a href="https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL21A106KOQNNNE/3886754">https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL21A106KOQNNNE/3886754</a>	Digikey	1	25	\$0.05	\$1.28
11/13/2024	RC0805FR-07100KL	Resistors for our PCB	<a href="https://www.digikey.com/en/products/detail/yageo/RC0805FR-07100KL/727544">https://www.digikey.com/en/products/detail/yageo/RC0805FR-07100KL/727544</a>	Digikey	1	25	\$0.02	\$0.40
11/13/2024	CL21B105KAFNNNE	Capacitors for our PCB	<a href="https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL21B105KAFNNNE/3886724">https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL21B105KAFNNNE/3886724</a>	Digikey	1	25	\$0.05	\$1.15
11/13/2024	CL21A475KAQNNNE	Capacitors for our PCB	<a href="https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL21A475KAQNNNE/3886902">https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL21A475KAQNNNE/3886902</a>	Digikey	1	25	\$0.06	\$1.43