

Bill of Materials  
EE445L Fall 2015

October 14, 2016  
EE445L pays for the PCB

Qty Note				
Quantity	Type	Unit cost	Cost	PCB Artist
1	PCB	\$53.00	Free	
1	LCD	\$19.96	Free	ST7735
1	IC	\$1.84	Free	TPA731
1	IC		Free	TLV5616
1	IC	\$0.90	Free	LM4041
1	CPU	\$11.55	Free	TM4C123GH6PM
1	CON	\$0.29	Free	JTAG
1	ASM	\$5.18	Free	Box
2	CRYS	\$0.51	Free	XTAL/NX5032
1	RES	\$0.02	\$0.02	0.125Wresistor
1	RES	\$0.02	\$0.02	0.125Wresistor
5	RES	\$0.02	\$0.12	0.125Wresistor
2	RES	\$0.02	\$0.05	0.125Wresistor
1	RES	\$0.02	\$0.02	0.125Wresistor
1	SW	\$0.17	\$0.17	B3F-1050
2	SW	\$0.35	\$0.70	OffBoardSwitch
1	ASM	\$9.74	\$9.74	Battery
1	CON	\$0.29	\$0.29	Battery Connectors
1	CAP	\$0.05	\$0.05	Ceramic
1	CAP-Tant	\$0.19	\$0.19	tantalum
2	CAP-Tant	\$0.22	\$0.44	tantalum
1	CON	\$0.27	\$0.27	LogicAnalyzer
7	CON	\$0.29	\$2.03	testpoint
1	ASM	\$0.50	\$0.50	Speaker
1	LED	\$0.29	\$0.29	LEDT1.75
1	IC	\$0.19	\$0.19	LP2950-CZ-3.3
1	CON	\$2.00	\$2.00	HD44780

Total Estimated Cost: \$17.10  
Supply Current: 90 mA