MANUFACTURING TECHNOLOGY I

Micro Project 06
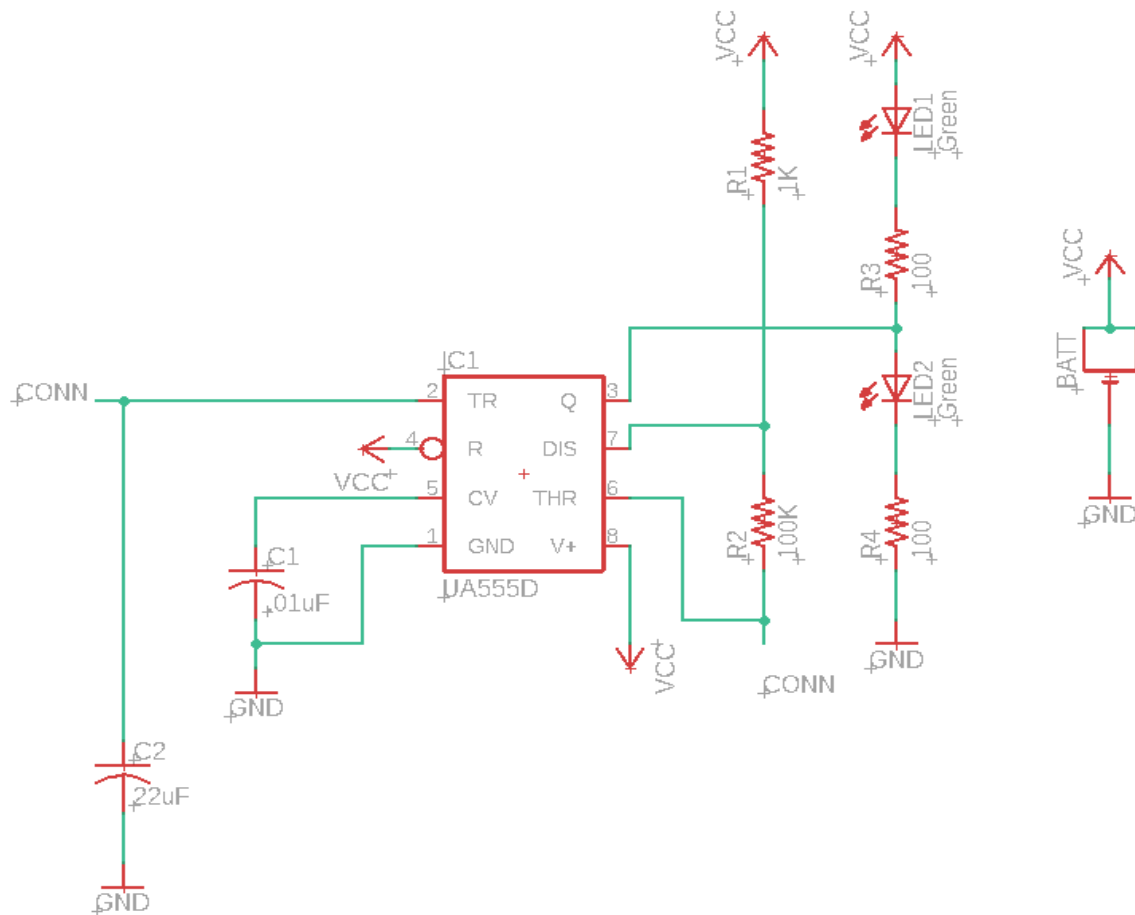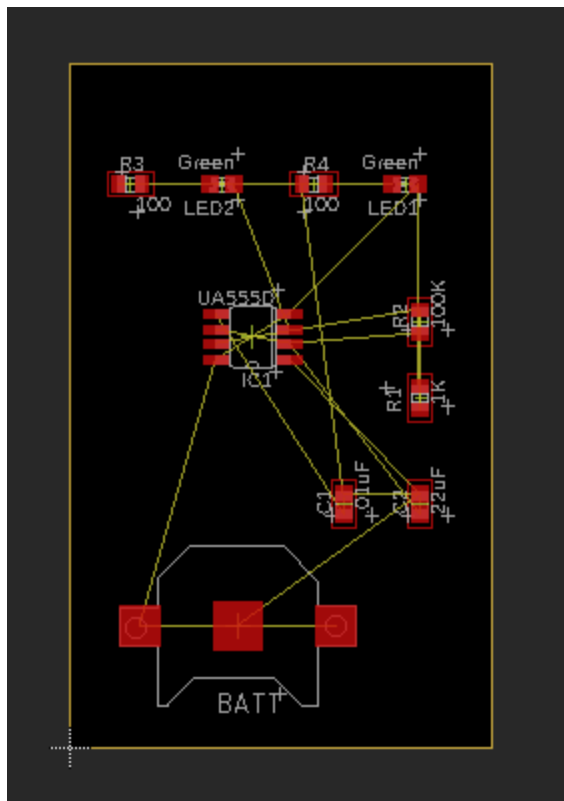
(Printed Circuit Boards)

Aim

Develop a PCB circuit of a general alarm system using Eagle CAD tools.

-four Gerber documentation as separate files: top layer, bottom layer, drills and holes, components - always use board outline
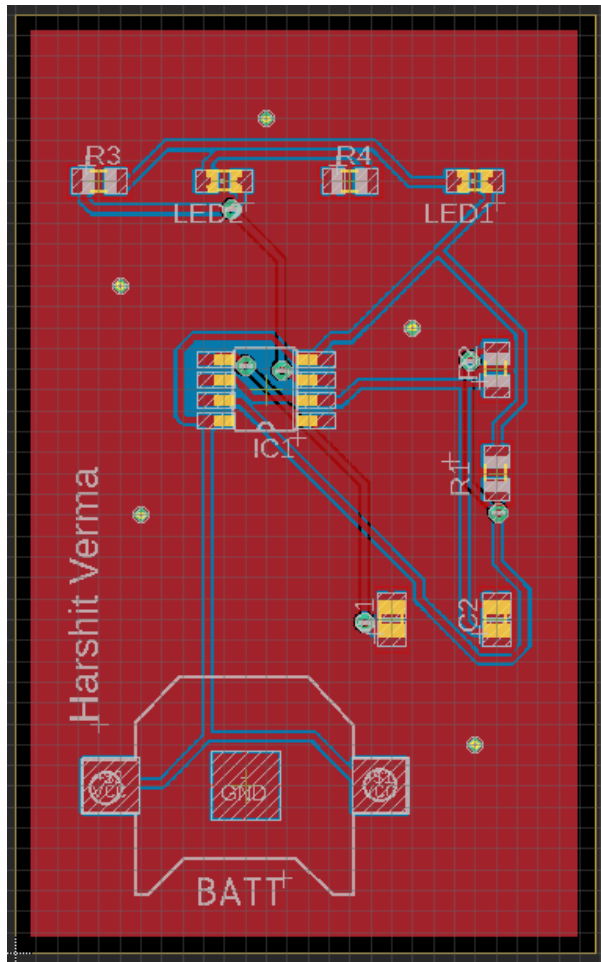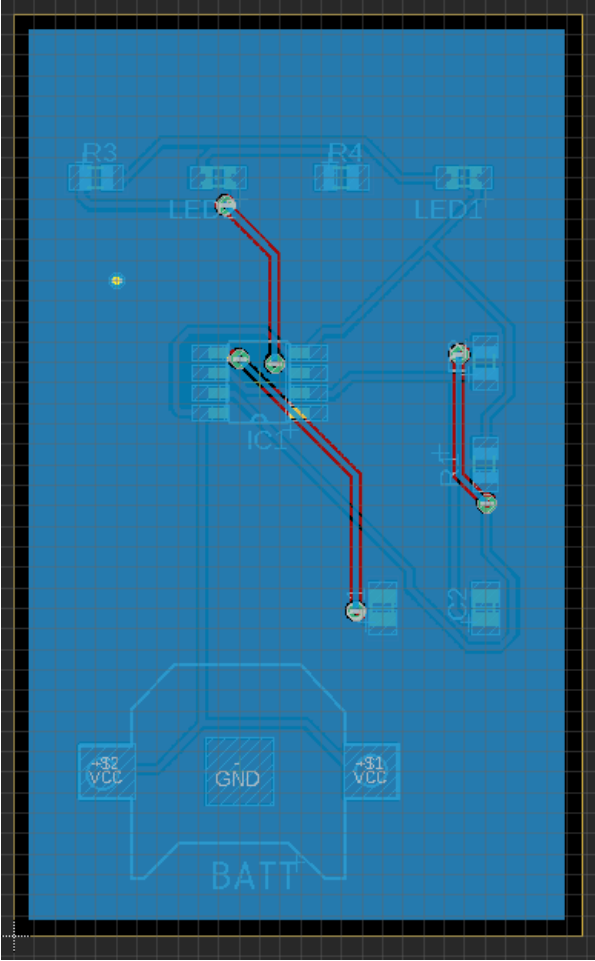
Schematics

PCB Design

Top Layer

Bottom Layer

Quantity	Value	Package	Order code	Manufacturer	Manuf. Code	Availability	Price (from)	Description
1		CR1220-SMD	25T0434	KEYSTONE	3080TR	0	0.427	KEYSTONE - 3080TR - Battery Holder, Coin Cell - 12mm x 1, PCB, Su
1	.01uF	C0805	25T0434	KEYSTONE	3080TR	0	0.427	KEYSTONE - 3080TR - Battery Holder, Coin Cell - 12mm x 1, PCB, Su
1	22uF	C0805	96Y9283	MURATA	GRM219R61C226ME15L	145347	0.199	MURATA - GRM219R61C226ME15L - CAP, 22µF, 16V, 20%, X5R, 0805
1	UA555D	SO08	29AH7834	TEXAS INSTRUMENTS	TLC555CD	405	0.789	TEXAS INSTRUMENTS - TLC555CD - IC, CMOS TIMER 8-SOIC
1	1K	R0805	65T8778	PANASONIC	ERJ-6GEYJ102V	56255	0.012	PANASONIC - ERJ-6GEYJ102V - SMD Chip Resistor, 1 kohm, ± 5%, 1
1	100K	R0805	08AH9767	NIC COMPONENTS	NRC10F1003TRF	21058	0.014	NIC COMPONENTS - NRC10F1003TRF - SMD Chip Resistor, 100 kohr
2	Green	CHIPLED_0805	46W4523	KINGBRIGHT	KP-2012ZGC	7052	0.192	KINGBRIGHT - KP-2012ZGC - LED, Low Power, Green, SMD, 0805, 20
2	100	R0805	10P9700	BOURNS	CR0805-FX-1000-ELF	3163	0.002	BOURNS - CR0805-FX-1000-ELF - SMD Chip Resistor, 100 ohm, ± 1

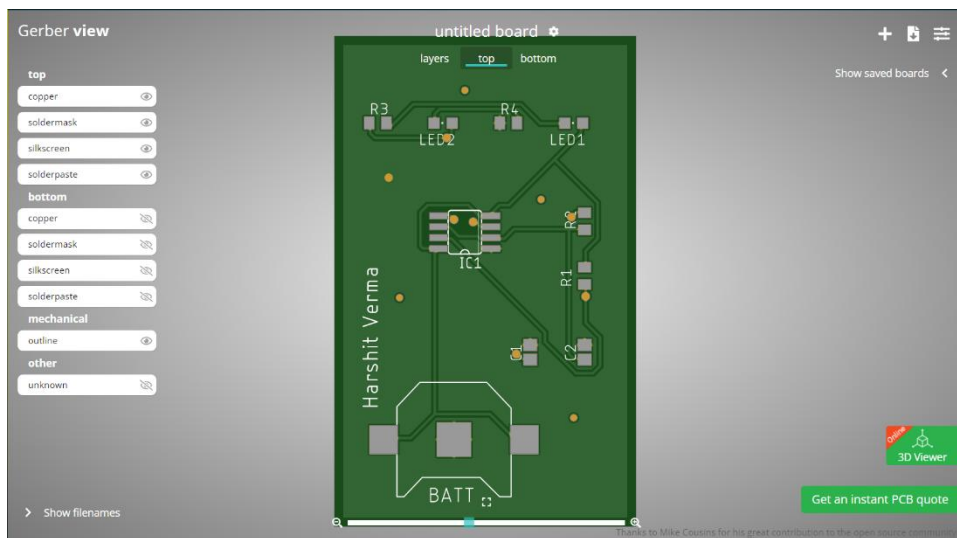For detail view or new search of items please doubleclick them !

Number of PCBs: 1   Update   Number of list items: 8   With order codes: 8   In stock: 6   **Add to shopping cart**   ☑ Save order codes   Export...   Help...   Close

Gerber Viewer

Layers:

Top View

Bottom View:

Drill: