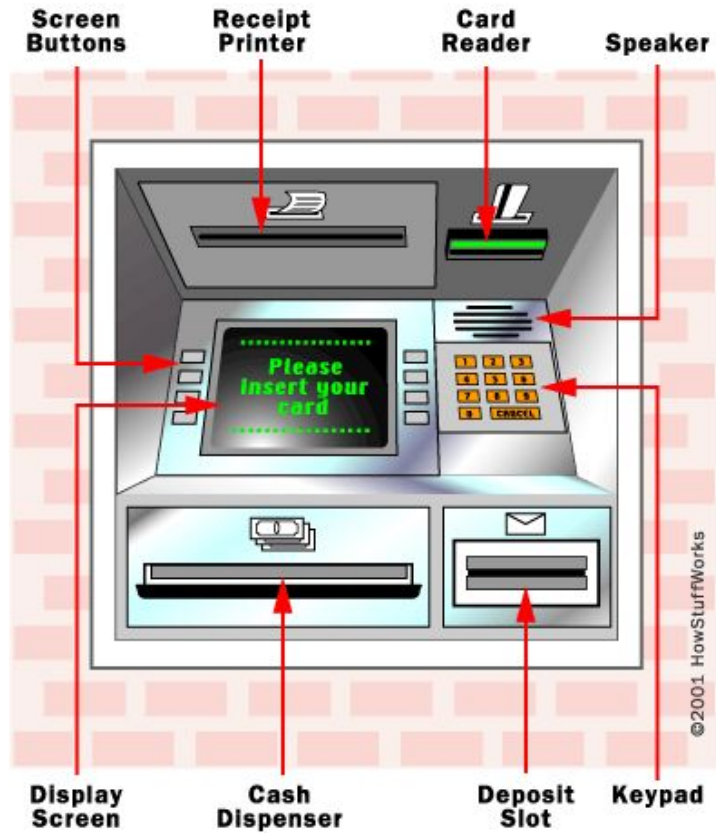

Automated Teller Machine



By: Alyssa Serafin

ATM

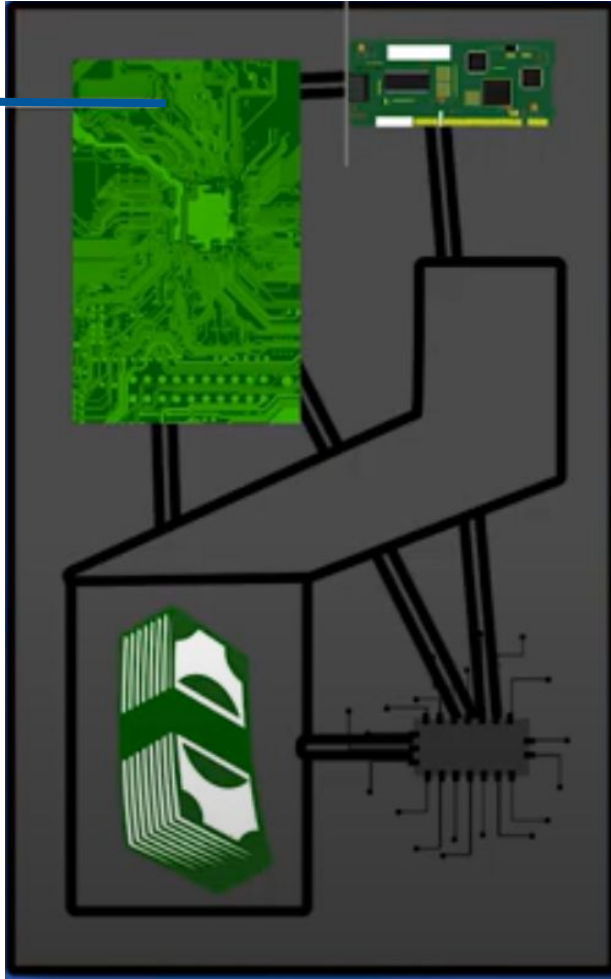




Outside of an ATM

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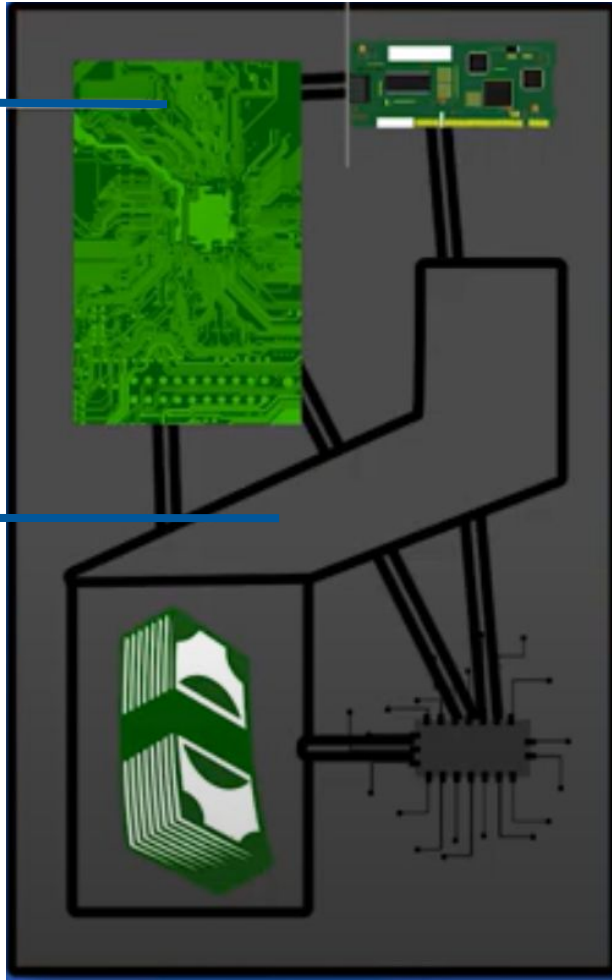
Mainboard



Inside of an ATM

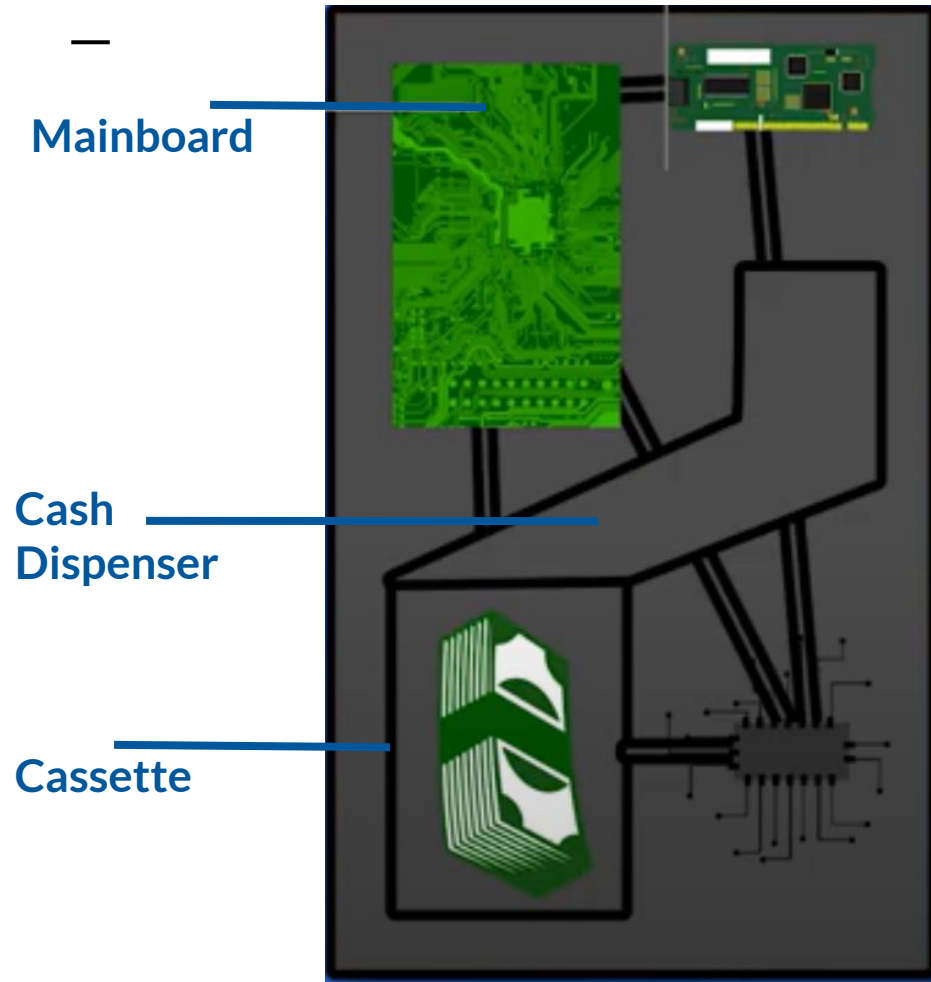
Mainboard

Cash
Dispenser



Inside of an ATM

Inside of an ATM



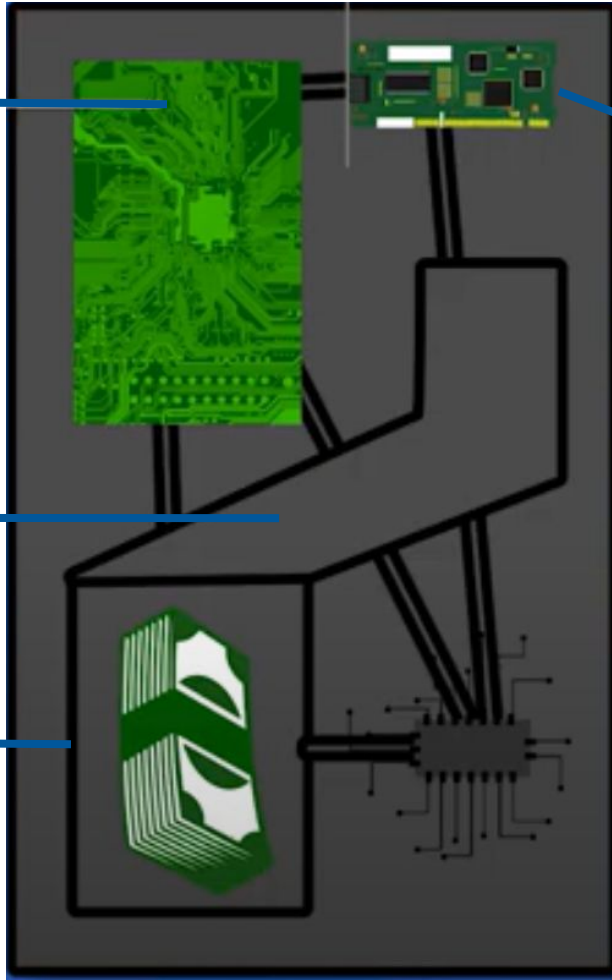
Inside of an ATM

Mainboard

Modem

Cash
Dispenser

Cassette



Inside of an ATM

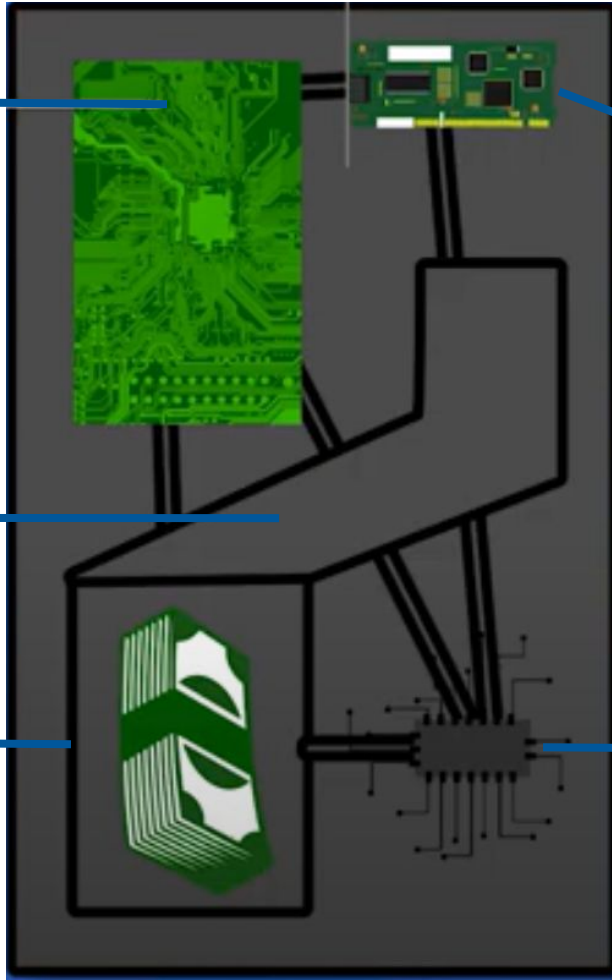
Mainboard

Modem

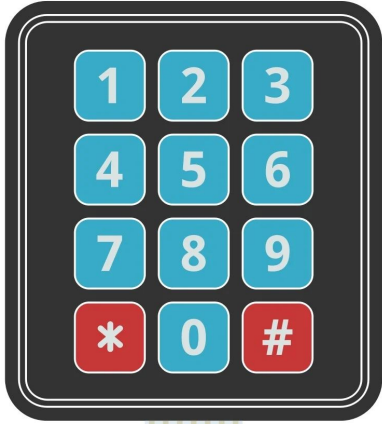
Cash
Dispenser

Cassette

I/O Board



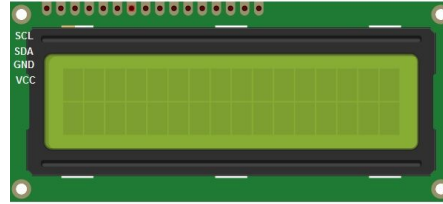
Prototyping



Keypad



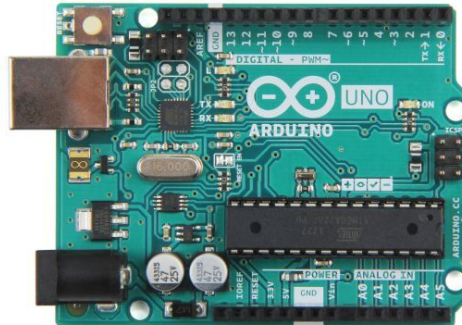
Push buttons



LCD



Piezo speaker



Arduino board



What if I want to buy a real ATM?

- Genmega GT5000 ATM = \$7,290



Police investigating attempted ATM break-in on west side
MADISON, Wis. — Madison police are investigating after a group of people reportedly tried breaking in to an ATM on Madison's west side ...
19 hours ago



Madison police searching for trio who tried to break into ATM

The Madison Police Dept. is trying to identify the three people who tried breaking into an ATM on the city's west side early Monday morning.
20 hours ago



WREG.com

Police: Man destroys ATM trying to steal money

Memphis police need your help identifying a man they say was caught on camera while vandalizing an ATM at a Frayser Bank.

1 day ago



WKRN

ATM damaged during theft at Mt. Juliet bank

Mt. Juliet police are investigating after an ATM was reportedly pried open during a theft at a bank early Monday morning.
2 days ago



UPDATE: Search for remaining ATM burglary suspect stretches into Louisiana

The manhunt for a second ATM burglary suspect has now stretched from Newton County into Louisiana, according to information Newton ...
1 day ago



References

- <https://www.investopedia.com/terms/a/atm.asp>
 - <https://interestingengineering.com/how-do-automated-teller-machines-work#:~:text=Card%20Reader%3A%20The%20device%20that,magnetic%20strip%20on%20your%20card.&text=Keypad%3A%20The%20main%20input%20of,the%20cash%20in%20the%20ATM.>
 - <https://www.stockmonkeys.com/how-do-banks-prevent-atms-from-running-out-of-money-BRYHTMDA/>
 - <https://www.businessnewsdaily.com/11229-profitable-atm-machine.html#:~:text=Buying%20an%20ATM%20machine,people%20might%20not%20use%20it.>
 - <http://atmequipment.com/Genmega-GT5000-ATM-Machine#>
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