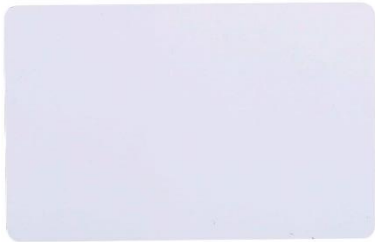
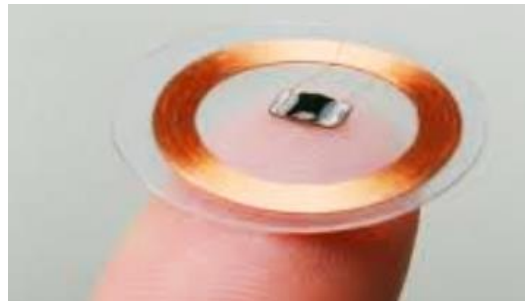
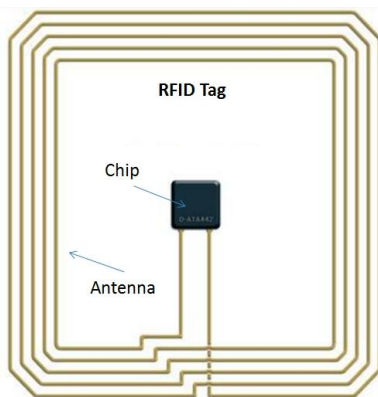


❖ Summary of RC522 and RFID tags

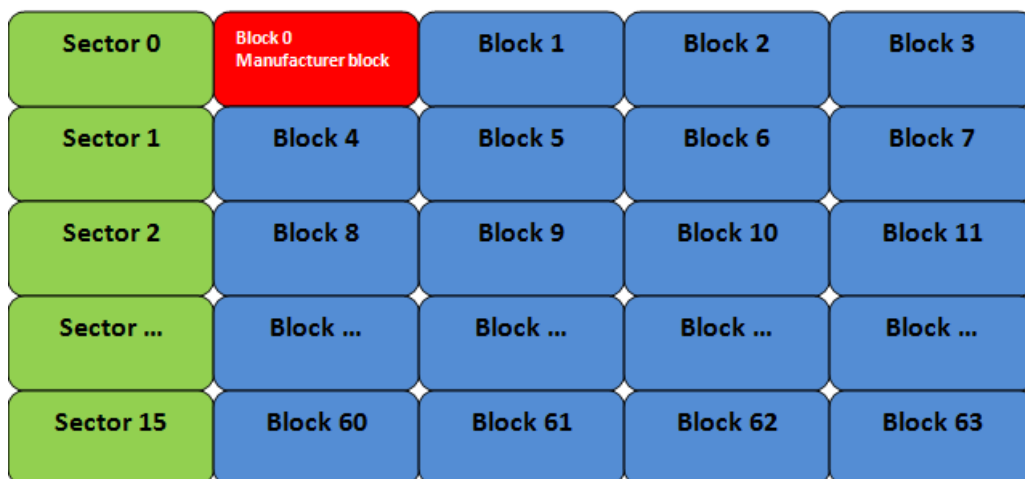
- At first I want to talk about RFID tags:



- What is in it:



- How its work



Sector	Block	Byte Number within a Block																Description
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
15	3	Key A				Access Bits				Key B								Sector Trailer 15
	2																	Data
	1																	Data
	0																	Data
14	3	Key A				Access Bits				Key B								Sector Trailer 14
	2																	Data
	1																	Data
	0																	Data
:	:																	
:	:																	
:	:																	
1	3	Key A				Access Bits				Key B								Sector Trailer 1
	2																	Data
	1																	Data
	0																	Data
0	3	Key A				Access Bits				Key B								Sector Trailer 0
	2																	Data
	1																	Data
	0	Manufacturer Data																Manufacturer Block

NOTE: don't write on block(3,7,11,15,19,23,27,31,35,39,43,47,51,59,63)called Trailer block

Because this block for password and when you write something on it this automatically lock this block and pervious blocks

- Tag reader modules:



EM-18



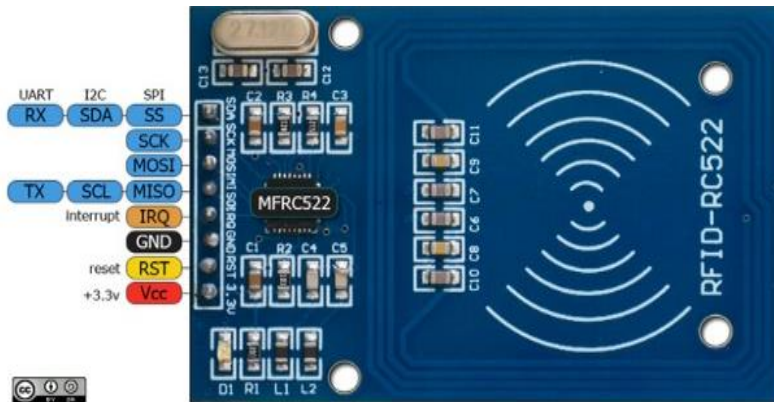
RF01D



RC522

You tube channel: self-study electronic engineer

- Detail on board:



- Schematic of my circuit:

