## Digital Circuits and Computer Design

Notes #6 "Sequential Circuits: *Registers & RAM"* 

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Types					
Memory Type	Category	Erasure	Write mechanism	Refresh mechanism	Volatility
Random-Access Memory (RAM):				Depends	
Static RAM (SRAM)	Read-write Memory	Electrically, Byte level		Not necessary	
Dynamic RAM (DRAM)			Electrically	Necessary	Volatile
Read-only Memory (ROM)	- Read-only Memory		Masks		
Programmable ROM (PROM)		Not Possible		1	
Erasable PROM (EPROM)	Read- mostly Memory	UV Light, Chip level			
Flash memory		Electrically, Block level	Electrically	Not applicable	Non-volatil
Electrically EPROM (EEPROM)		Electrically, Byte level			









