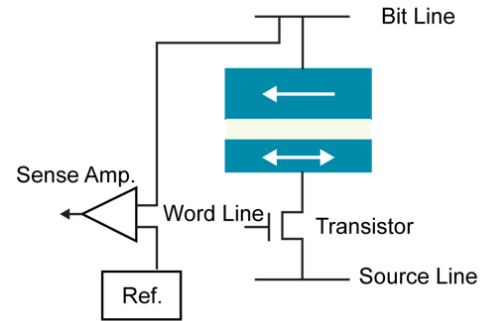
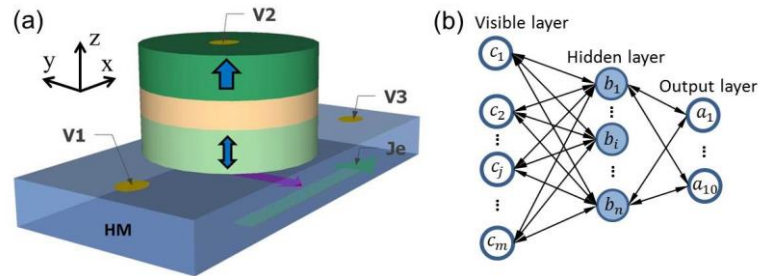


MRAM

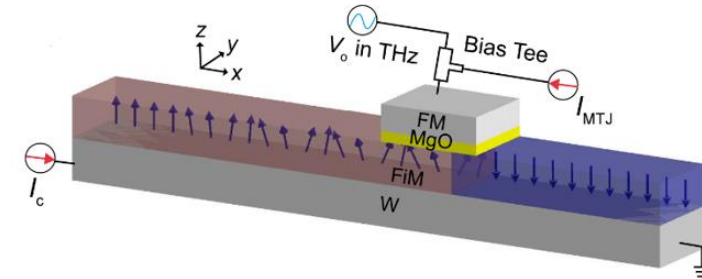
Actively pursued by major companies such as Intel, Samsung, TSMC, Hisilicon



Artificial neural network



Oscillator



GHz oscillator: can be used in communication

THz oscillator: can be used in communication, medical or security imaging

Used in the construction of artificial neural network

We will first focus on the use of oscillator in constructing neural network

Future plan

Material (*with physics group*) to Device (*with physics, CS, IC group*) to Circuit simulation (*with IC group*)