

# First\_Agent



list of all suppliers



['Samsung Electronics', 'Apple Inc.', 'OnePlus Technology', 'Google LLC', 'Xiaomi Corporation']



list of all products



**RAM (Random Access Memory)**

- DDR3
- DDR4
- DDR5
- SDRAM
- RDRAM

**ROM (Read-Only Memory)**

- EPROM (Erasable Programmable Read-Only Memory)
- EEPROM (Electrically Erasable Programmable Read-Only Memory)
- Flash memory
- PROM (Programmable Read-Only Memory)

**SRAM (Static Random Access Memory)**

- CMOS SRAM
- Bipolar SRAM

**DRAM (Dynamic Random Access Memory)**

- SDRAM (Synchronous Dynamic Random Access Memory)

What is up?



## NVRAM (Non-Volatile Random Access Memory)

- FRAM (Ferroelectric Random Access Memory)
- MRAM (Magnetoresistive Random Access Memory)
- PRAM (Phase-Change Random Access Memory)

## Other Memory Types

- Cache memory
- Virtual memory
- Swap space
- Page file
- Scratchpad memory



list of all products in products table



[('P001', 'Samsung Galaxy S21', 'Samsung flagship smartphone', 799.99, 'A001'), ('P002', 'Samsung Galaxy Note 20', 'Samsung premium smartphone with stylus', 999.99, 'A001'), ('P003', 'iPhone 13 Pro', 'Apple flagship smartphone', 999.99, 'A002'), ('P004', 'iPhone SE', 'Apple budget smartphone', 399.99, 'A002'), ('P005', 'OnePlus 9', 'High performance smartphone', 729.0, 'A003'), ('P006', 'OnePlus Nord', 'Mid-range smartphone', 499.0, 'A003'), ('P007', 'Google Pixel 6', 'Googles latest smartphone', 599.0, 'A004'), ('P008', 'Google Pixel 5a', 'Affordable Google smartphone', 449.0, 'A004'), ('P009', 'Xiaomi Mi 11', 'Xiaomi high-end smartphone', 749.99, 'A005'), ('P0010', 'Xiaomi Redmi Note 10', 'Xiaomi budget smartphone', 199.99, 'A005')]