

## MK 50075 RALU MK 50100 ROM

### DESCRIPTION:

- Modular Design allows function expansion by adding ROM
- Minimum set consists of RALU and one ROM
- ROM expansion up to 16 ROMs
- Programmable 14 digit display field for result, sign and special characters
- Seven segment display output
- Direct segment drive with current set capability
- Self-contained oscillator and timing.
- Requires no external components.
- 52 possible keys (scanned matrix 13 X 14), each key function is programmable

RALU processes BCD or HEX data

### FEATURES:

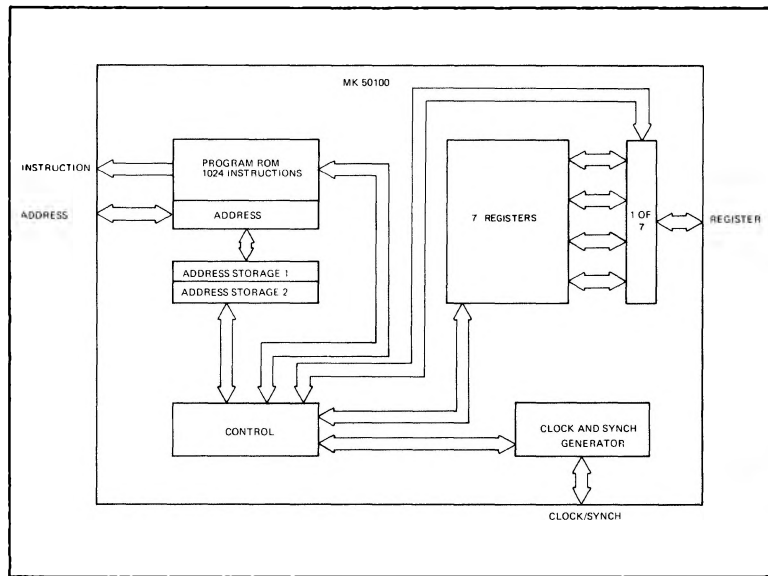
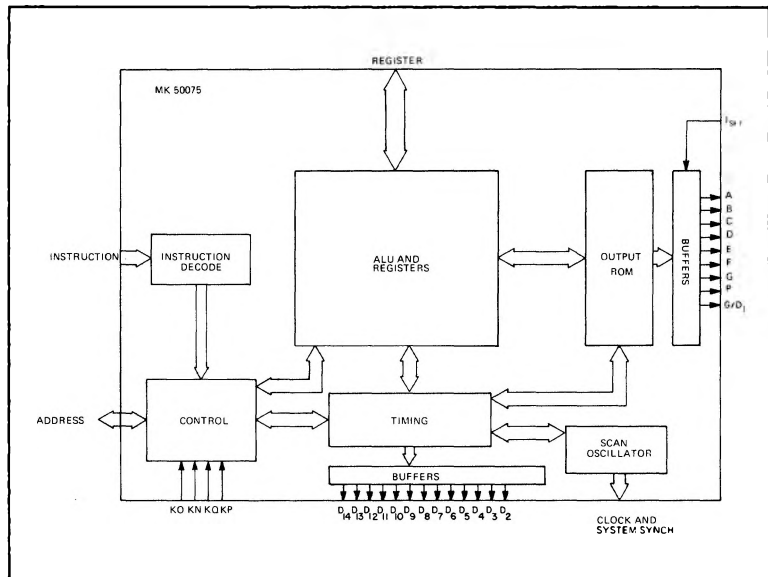
The MK 50075 RALU contains timing logic, arithmetic logic, four working registers, and control logic to perform instruction stored in the MK 50100 ROM(s).

The MK 50100 ROM contains 1K words of instruction or data plus seven 15 digit registers of read/write storage. The maximum configuration is one RALU and 16 ROMs, resulting in a directly addressable 16K words of instruction or data and 112 registers of read/write storage.

Calculator functions are performed in ROM to cover a wide range of user requirements. The MK 50100 interfaces directly to the MK 50075 with no external components.

Low power dissipation, broad supply voltage range, a single power supply, direct segment drive, and an internal clock oscillator make the MK 50075, MK 50100 set ideal for battery operated, hand-held, multifunction calculators with low system costs.

### 12-DIGIT MOS CALCULATOR SET



Products  
to be  
Announced