

**Control Functions:**

Examine

Examine Next

Deposit

Deposit Next

Examine Last (Previous)

**Desired Modules, by Function:**

8-bit Addressing

2-bit Addressing (& Stop)

Initialization of Sequences

Timing

1-ms Sequence

Dual (Cascaded) 1-us , as Phase 1 & Phase 2

Data Collection for Input

Data Distribution for Output

Display(s)