

ST8000A TECHNICAL MANUAL
CHAPTER 4, THEORY OF OPERATION
Third Draft, September 28, 1990
HAL/900928

This draft version has the following changes:

1. All changes of the 2nd Draft (HAL90917a & 900918) are included.
2. All corrections by ABW have been incorporated.
3. Note the date code at the lower left-hand margin of each page - "HAL/900928". I will use this in-house to distinguish between various versions as the manual develops.
4. Nomenclature Note: The Schematic diagrams use the format "INT.L" to designate an active-low data signal (NOT-INT). Drew White's nomenclature had used "INT_L". We have agreed to change to the "INT.L" format for all signals to agree with schematic capture software nomenclature. This choice may have to be revised at a later date to meet Military requirements.
5. There still exists an inconsistency in the model number - "ST8000A" vs "ST-8000A". This will be revised in the next version to "ST-8000A".
6. Figure numbers (Chapter 6) still need to be assigned to Schematic Diagrams. At present, all schematic references are to the HAL drawing number (A1792, for example).
7. As of this date, **ALL** sections of Chapter 4 are now complete - at least for this third draft. Front panel component designators will change as the circuit board layout progresses.

GWH