

## **4.1 Module Features & Properties**

The following standards are applicable to modules and cards without regard to the data word length except as where specifically indicated.

### **4.1.1 Memory Module Nomenclature**

### **4.1.2 Memory Module Serial Presence Detect (SPD) General Standard**

#### **4.1.2.1 SPD Annex A, Table of Fundamental Memory Types**

#### **4.1.2.2 SPD Annex B, Table of Superset Memory Types**

#### **4.1.2.3 SPD Annex C, Specific SPDs for Fast Page Mode or Extended Data Out**

#### **4.1.2.4 SPD Annex D, Double Data Rate SDRAM (DDR SDRAM) (Rev. 1.0)**

#### **4.1.2.5 SPD Annex E, Specific SPDs for Synchronous DRAMs (SDRAM)**

#### **4.1.2.6 SPD Annex F, Specific SPDs for Address Multiplexed ROMs (MXROM)**

#### **4.1.2.7 SPD Annex G, Specific SPDs for Fully Buffered DIMM**

#### **4.1.2.8 SPD Annex H, Table of ESDRAM Superset Attributes**

#### **4.1.2.9 SPD Annex I, Specific SPDs for Virtual Channel SDRAMs (VCSDRAM)**

#### **4.1.2.10 SPD Annex J, Specific SPDs for DDR2 SDRAM, Revisions 1.0, 1.2, and 1.3**

#### **4.1.2.11 SPD Annex K, Specific SPDs for DDR3 SDRAM Modules**

### **4.1.3 Definition of the EE1002 and EE102A SPD EEPROMs**

### **4.1.4 Definition of the TSE32002av SPD EEPROM with Temperature Sensor for Memory Module Applications.**

### **4.1.5 TS3000 Standalone Thermal Sensor Component**