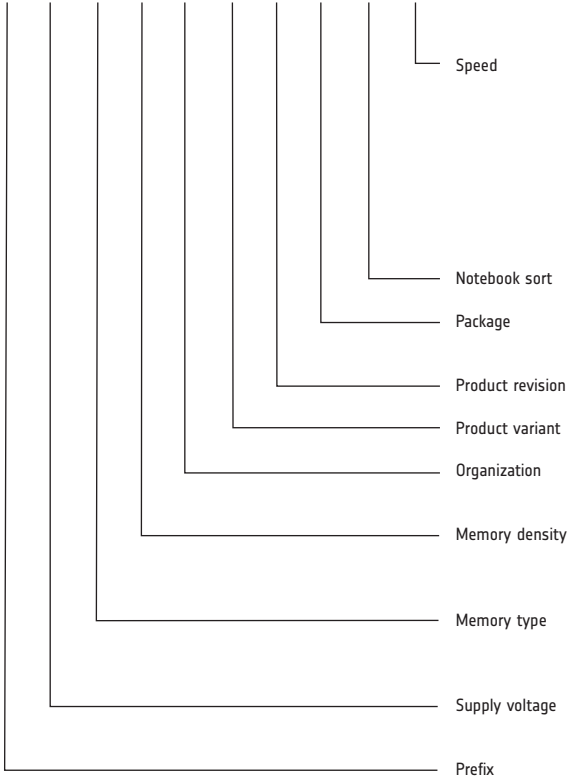


Nomenclature for GDDR, GDDR2 & GDDR3 Graphics SDRAM

HYB 18 H 512 32 1 A F L -12 (Example)



- Speed
 - 8 = 1.2 GHz
 - 10 = 1 GHz
 - 11 = 900 MHz
 - 12 = 800 MHz
 - 14 = 700 MHz
 - 16 = 600 MHz
 - 20 = 500 MHz
 - 25 = 400 MHz
 - 28 = 350 MHz
 - Notebook sort
 - L = Different supply voltage (certain products only)
 - Package
 - E = TSOP (RoHS-compliant)
 - F = FBGA (RoHS-compliant)
 - Product revision
 - Product variant
 - Organization
 - 16 = x 16
 - 32 = x 32
 - Memory density
 - 256 = 256 Mbit
 - 512 = 512 Mbit
 - 1G = 1 Gbit
 - Memory type
 - D = GDDR SDRAM
 - T = GDDR2 SDRAM
 - H = GDDR3 SDRAM
 - Supply voltage
 - 18 = 1.8 V (VDD)
 - 25 = 2.5 V (VDD)
 - Prefix
 - HYB = Standard prefix for Memory Components
- *RoHS = Restriction of Hazardous Substances (European Union)