# Nomenclature for GDDR5 Graphics RAM

I D G V 51 0 5 A 1 F1 C -45 (Example)

| | | | |
|---|---|---|---|
| Datarate | 32 | = | 3.2 Gb/s |
| | 36 | = | 3.6 Gb/s |
| | 40 | = | 4.0 Gb/s |
| | 45 | = | 4.5 Gb/s |
| | 50 | = | 5.0 Gb/s |
| Temprature Range and PCB Size | C | = | Commercial 0 °C - +85 °C/95 °C |
| Package Technology | F1 | = | FBGA |
| Product revision (2) | 1 | = | Full Good (Default) |
| Product revision (1) | A | = | 1st node |
| | B | = | 2nd node |
| | C | = | 3rd node |
| Number of IOs | 5 | = | x32 |
| Number of Ranks | 0 | = | 1x CS |
| | 1 | = | 2x CS |
| Density | 51 | = | 512 Mbit |
| | 1G | = | 1 Gbit |
| | 2G | = | 2 Gbit |
| Product Family (Interface) | V | = | DDR5 |
| Power or Application | G | = | Graphics |
| Product Group | D | = | DRAM |
| Prefix | I | = | Qimonda Identifier |