

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated March 23, 2005 relating to the financial statements, financial statement schedule, management's assessment of the effectiveness of internal control over financial reporting and the effectiveness of internal control over financial reporting, of Mattson Technology, Inc., which appears in Mattson Technology, Inc.'s Annual Report on Form 10-K for the year ended December 31, 2004.

/s/ PRICEWATERHOUSECOOPERS LLP

San Jose, California
December 16, 2005