

November 13, 2008



KLA-Tencor Declares Regular Cash Dividend for Second Quarter of Fiscal Year 2009

MILPITAS, Calif.--(BUSINESS WIRE)--

KLA-Tencor Corporation (NASDAQ:KLAC) today announced that its Board of Directors has declared a quarterly cash dividend of \$0.15 per share on its common stock, payable on December 1, 2008 to KLA-Tencor stockholders of record as of the close of business on November 24, 2008.

About KLA-Tencor: KLA-Tencor is the world leader in yield management and process control solutions for semiconductor manufacturing and related nanoelectronics industries. Headquartered in Milpitas, California, the company has sales and service offices around the world. An S&P 500 company, KLA-Tencor is traded on the NASDAQ Global Select Market under the symbol KLAC. Additional information about the company is available at <http://www.kla-tencor.com> (KLAC-F).

Source: KLA-Tencor Corporation