

August 5, 2010



KLA-Tencor™ Declares Regular Cash Dividend for First Quarter of Fiscal Year 2011

MILPITAS, Calif., Aug. 5 /PRNewswire-FirstCall/ -- KLA-Tencor Corporation™ (Nasdaq: KLAC) today announced that its Board of Directors has declared a quarterly cash dividend of \$0.25 per share on its common stock payable on September 1, 2010 to KLA-Tencor stockholders of record as of the close of business on August 16, 2010.

About KLA-Tencor: KLA-Tencor Corporation, a leading provider of process control and yield management solutions, partners with customers around the world to develop state-of-the-art inspection and metrology technologies. These technologies serve the semiconductor, data storage, LED, photovoltaic, and other related nanoelectronics industries. With a portfolio of industry-standard products and a team of world-class engineers and scientists, the company has created superior solutions for its customers for more than 30 years. Headquartered in Milpitas, California, KLA-Tencor has dedicated customer operations and service centers around the world. Additional information may be found at www.kla-tencor.com. (KLAC-F)

SOURCE KLA-Tencor Corporation