MATTSON TECHNOLOGY, INC. SUBSIDIARIES OF THE REGISTRANT

Mattson International, Inc. Mattson Technology Holdings, LLC Mattson Wet Products, Inc. Mattson Thermal Products, Inc. STEAG CVD Systems, Ltd. Mattson Technology Center KK Mattson International Korea Co. Mattson Technology of Singapore Pte. Ltd. Mattson International, Inc. (Taiwan Branch) Mattson Technology Holding, GmbH Mattson International, GmbH Mattson Thermal Products, GmbH Mattson International France SARL Mattson Technology UK Ltd. Mattson Technology Srl STEAG Electronic Systems UK, Ltd. Mattson Trading (Shanghai) Co., Ltd. Mattson Technology Cayman Holdings, Ltd. Mattson Technology Canada, Inc. Mattson Technology Israel, Ltd.