

Job Title: Product Engineer

Required: MS in Electrical & Computer Engineering, Computer; and 3 years experience in Semiconductor Product Engineering

Duties: The Product Engineer will plan, direct, & lead New Product introduction process to take engineering products from Beta Prototypes to production of analog & digital designs of CMOS and BiCMOS in TSMC 0.35 um technology process DRC and LVS, signal processors of image sensors with a pitch of 11 um in AMIS 0.35 um process, and other fab processes. The Product Engineer manages and takes lead in engineering product life cycle: product characterization & qualification, testing to guarantee product quality through cost effective tests; diagnosis in field failures & corrective measures; cost reduction; & evaluation of potential new manufacturing partners & support technology transfers. Will also serve as lead & manage function to assure engineering manufacturing processes result in a quality product to meet customer expectations & specifications; plan, direct, & lead identification of root cause of all factors limiting yield and reliability, ensure that there are structured corrective action programs to eliminate; take the lead to correlate performance to process parameters; champion manufacturing & design changes for improved yield, reliability, margins, & image quality.