



ABSTRACT

This practicum study aims to eliminate the 9.20% production loss encountered in producing LC717A00AR Capacitance-Digital-Converter LSI (IC Touch Sensor) amounting to 20,960,250.79 pesos. Since ON Semiconductor started accepting this product they have been testing and supplying huge amount of LC717A00AR capacitance-digital-converter LSI for electrostatic capacitive touch internationally. Due to high demands, ON Semiconductor Philippines Inc. aims to acquire the target output of LC717A00AR per month. This study should be able to eliminate the problems encountered by providing a new room/area for the refilled LN2 tank, a new area for the TME team, improving the handling material for the DUT (Device Under Test) and developing machine alarms in P2 Testing area. The researcher gathered data, conducted interviews, and observed the entire production for the knowledge that completes this research.