

Case Study – Automated programming system_Gree-tech

GREE Technologies is a global company which is composed by an experienced R&D, sales team whose members come from tier-1 companies as ASUS, Foxconn, HTC, CTX and QuieTek Lab with well-knowledge base of PC, Notebook, Smart Phone, LCD TV, Set-Top-Box, Electronics Vehicle & Motorcycle and Power Battery Management System. Thanks to consolidated partnership with our global suppliers, we look forward to working with our customers in designing test strategies and delivering customized solutions in wireless communications, aerospace and defence and semiconductor markets with world-class platforms, software and consistent measurement science.

Problem analysis / Objectives

We needed to develop an automated programming system to replace the traditional off-line programming process, the first case is designed for a four panel PCBA boards with Cypress MB96F613RBPMC device embedded.

Project development / Solution

According to our requests, we designed a fully automatic programming station, which was built with one set of Write-Now! 4-channel Universal In-System Programmer and two sets of Agilent external powers to supply stable voltage and current for each product, as well as there is a Robotic arm which was applied to pick and place different products from production line.

Conclusions / Comments from End Customer

We thank you for your effort! The new design of this programming station had error-proofing mechanism and it was easily upgraded: its higher efficiency could save more than 100 thousand Yuan labor costs per year for one production line.”

About (Distributor Company & End Customer)

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