

The Study of an Integrated Rating System for Supplier Quality Performance
in the Semiconductor Industry

李友錚, 閻鐵民, 蔡志弘

Technology Management

Management

ycl@chu.edu.tw

Abstract

This study provides an integrated model of Supplier Quality Performance Assessment (SQPA) activity for the semiconductor industry through introducing the ISO 9001 management framework, Importance-Performance Analysis (IPA) Supplier Quality Performance Assessment and Taguchi's Signal-to Noise Ratio (S/N) techniques. This integrated model provides a SQPA methodology to create value for all members under mutual cooperation and trust in the supply chain. This method helps organizations build a complete SQPA framework, linking organizations used in SQPA activities are easily understood. A case involving design house is illustrated show our model.

Keyword : Supplier quality Performance assessment, supplier rating system, importance-performance analysis, signal-to-noise ratio