



MYCIRCUIT, INC.

Burn in System. PCB Design and Fabrication. Embedded System Projects



Burn-in System

PCB Design and Assembly

Rolando T. Yambao
President and CEO



Company Overview.

The first Filipino owned Burn in System Design and Assembly/ PCB Design and Fabrication and Embedded Systems Company, founded by Engr. Rolando Yambao in 2007, centers on customer satisfaction developing the company into a global corporation. Over the last seven years, we have built on our vision and invested in developments and customization strategically to be close to our customers. Complies with just in time delivery programs, dedicated sales and service engineers to ensure professional service.

Corporate Mission. Global Vision

MyCircuit's mission is to provide high quality engineering product and services for semiconductor and reliability engineering.

Consistently surpass customer expectation by minimizing time to market, reduce customer cost and improve performance goals.

Company Capabilities and Services.

We provide solution in PCB Design and Assembly, Burn-in Board Design, state of the art customized Burn-in Driver Board, custom Burn-in Oven System, Burn-in Board Tester and PC Based software and embedded system.

Tools and Softwares. Company Partnerships.

Allegro PCB Editor

- High-speed, Constraint-Driven PCB layout
- Dynamic Positive Shapes
- Allegro PCB Router Integration
- Differential Pair Support
- Concurrent Design Methodology
- Design-for-Assembly Analysis

ORCAD Schematic Capture

- Schematic circuit drawing software tools.

Cam350

- Automated Gerber checking

Microsoft Visual C # 2010

- Design Windows Presentation Foundation (WPF) applications with built-in designer support
 - Create rich Windows applications
 - Integrate 2D/3D graphics, audio and video controls
 - Data-enabled applications with SQL or Client Server applications with SQL Server Build applications using LINQ (Language Integrated Query) which adds data querying capabilities for SQL Server, XML, and objects to Visual C#

32 bit embedded microcontroller

- C and Assembly language development environment

MyCircuit Partners.

- SUBA Technology, Inc.

Offer the most innovative solutions and services to meet your needs in an Electronic Manufacturing Service Company. ROHS Compliant. ISO 9001:2000. Lead Free.



Burn in System.

Our company offers ovens suited for high performance burn-in and testing applications. These are designed to handle different loads while maintaining temperature uniformity and achieving repeatable result

Oven Capabilities

- ✓ Temperature ranges from 50 to 200 degrees
- ✓ High dissipation forward bias
- ✓ High temperature reverse bias
- ✓ Dynamic/ Static Burn in of IC,ROM,RAM,Microprocessors
- ✓ High volume recirculation fan
- ✓ Uniform Temperature (as required by MIL-STD 883)
- ✓ Up to 56 BIB
- ✓ Oven Slot and Chamber design and dimension will be based on the size and design of the BIB

Burn in Test Features

- ✓ Up to 8 built in power supply
- ✓ Controls V and I supply per BIB
- ✓ Programmable voltage/current supply
- ✓ Programmable on and off sequencing
- ✓ Programmable clock gen
- ✓ Programmable I2C interface driver
- ✓ Programmable SPI interface driver

Software Highlights

- ✓ Controls Burn in Test features
- ✓ Real time monitoring V/I per BIB
- ✓ Auto update of data on MS Excel
- ✓ Can connect 1 up to 56 BIB driver per PC
- ✓ Using MYCIRCUIT PIVM Software
- ✓ User Friendly program interface

MYCIRCUIT PIVM

SOFTWARE INTERFACE

➡ Set and Assign Voltage, Current

➡ Set and Assign Frequency

➡ Set and Enable I2C features

➡ Set and Enable SPI features

➡ Set and Assign different Signal Patterns

➡ Detect Failing Slot or BIB during BI process

➡ Output all data to Excel File

Burn in Board Driver

We offer and customize Burn-in Board driver with Programmable PC Based Power Supply, Tolerance of up to $\pm 0.005\%$, Customized number of channels, clock and pattern gen, I2C features and SPI for your burn in board / devices requirements. We customize BI drivers that will suit your existing ovens.

Burn in Board

We design and manufacture burn in boards base on your burn-in requirements including high temperature environments

Load Board Tester

We provide, design and assemble load board tester base on customer requirements

Embedded Systems Project

We design and assemble embedded system to be flexible to meet a wide range of end user needs

PCB Layout and Design

We are experience in designing PCB for your burn in system and burn in requirements.

PCB Fabrication and Assembly

We offer high quality printed circuit board fabrication and assembly

Products

- [Burn in System](#)
 - ✓ Burn in Ovens
 - ✓ Customized Burn in Drivers
 - ✓ Customized Burn in Boards
- [Burn in Driver: 6P2N-I2C-SPI-3C](#)
 - ✓ 6 Pos 2 Neg Power Supply
 - ✓ I2C and SPI Features
- [Burn in Driver: 6P2N-I2C-SPI-3C](#)
 - ✓ 6 Pos 2 Neg Power Supply
 - ✓ I2C and SPI Features
- [Burn in Driver: MCD-8P-I2C-SPI-3C](#)
 - ✓ 8 Pos Power Supply
 - ✓ I2C and SPI Features
- [Burn in Driver: MCD-6P2N-24C](#)
 - ✓ 6 Pos 2 Neg Power Supply
 - ✓ 24 Clock Gen
 - ✓ 24 Pattern Gen
- [Burn in Driver: MCD-3P2N-24C](#)
 - ✓ 3 Pos 2 Neg Power Supply
 - ✓ 24 Clock Gen
 - ✓ 24 Pattern Gen
- [Burn in Boards](#)
 - ✓ design for Infinity 48/96/160 Channel Driver
 - ✓ Design for Micro Control High Power HPB-5B Burn-in Oven.
- [Embedded System Projects](#)
 - ✓ Network and Communications
 - ✓ Electronics and PCB Based

“We customize and design base on your requirements”

Customer Satisfaction.

We ensure that all our products and designs will bring satisfaction to our customers.

Here are the lists of companies satisfied by MyCircuit

- ✓ Microsemi
- ✓ Maxim Integrated
- ✓ Analog Devices
- ✓ Test Solutions Services, Inc
- ✓ Atmel
- ✓ Vishay



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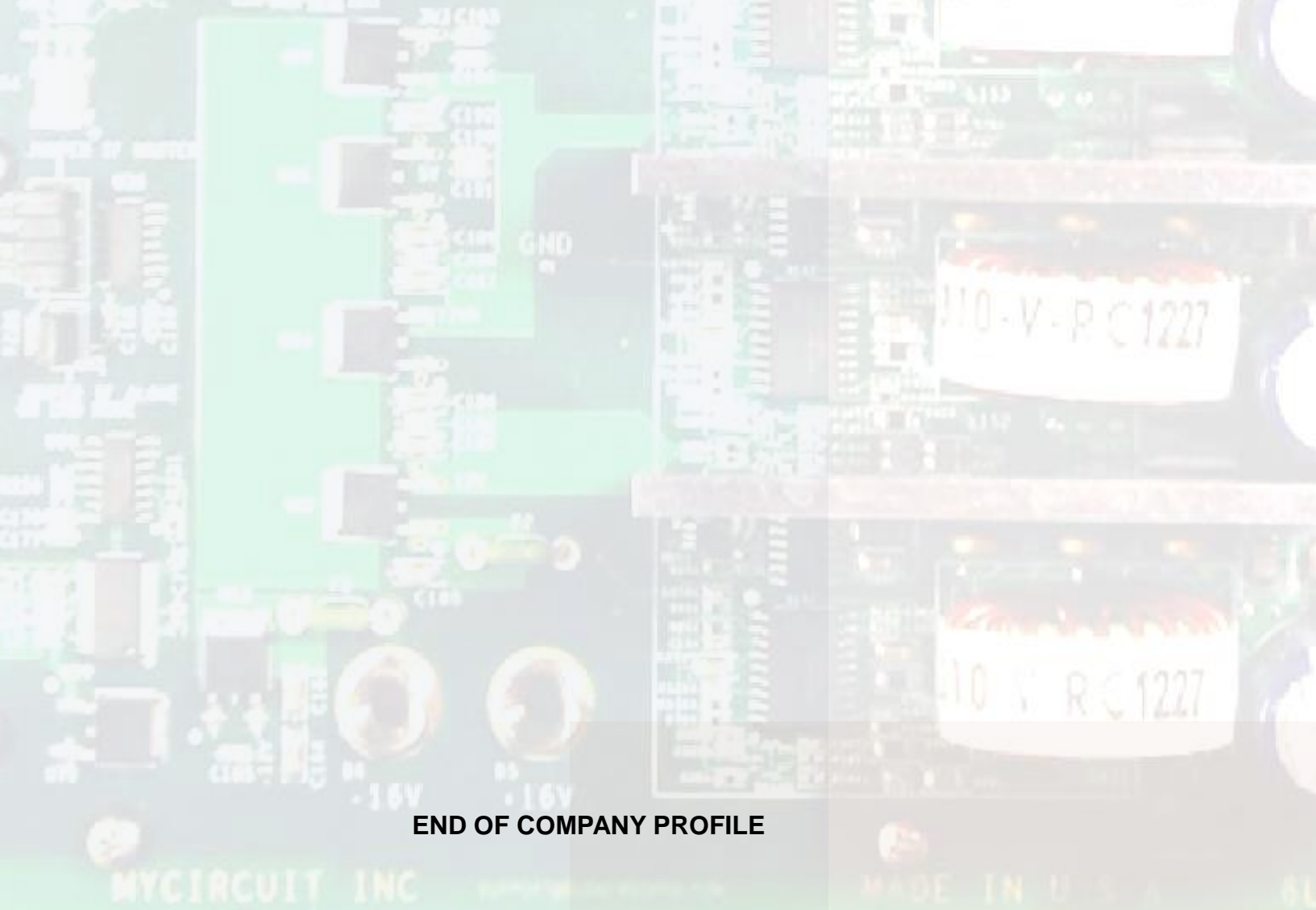
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END OF COMPANY PROFILE