



# MYCIRCUIT, INC.

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

## Burn in System

### Burn in Test Features

- ✓ Customized Built in Power Supplies
- ✓ Controls V and I supply per BIB
- ✓ Programmable Voltage/current supply
- ✓ Programmable on and off sequencing
- ✓ Programmable Clock Gen/I2C/SPI
- ✓ 95% Power Supply Accuracy

### 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

### Oven Specifications

- ✓ Oven Model: Despatch
- ✓ Design and dimension will be based on the size and design of the BIB
- ✓ Up to 56 BIB



### 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

LOT ID File Name	PS	Used	Voltages	SLIMIT	MINMAX	MINMAX	MDUT_minMAX	MDUT_minMAX	OnDelayTime	OffDelayTime
+VCC1	[X]	10	5	15	14	12	11	25	50	
+VCC2	[X]	10	5	15	14	12	11	25	50	
+VCC3	[X]	10	5	15	14	12	11	25	50	
+VCC4	[X]	10	5	15	14	12	11	25	50	
+VCP	[X]	10	5	15	14	12	11	25	50	
+VCH	[X]	10	5	15	14	12	11	25	50	

CLOCK	Used	FrequencyHz
CLOCK1	[X]	1000
CLOCK2	[X]	1000

Pattern	BitDriver Address	Start	End	Loop	PatternCount							
P0	0	1	2	3	4	5	6	7	8	9	10	11
P1	0	0	0	0	0	0	0	0	0	0	0	0
P2	0	0	0	0	0	0	0	0	0	0	0	0
P3	0	0	0	0	0	0	0	0	0	0	0	0
P4	0	0	0	0	0	0	0	0	0	0	0	0

Lot_ID	Set_ID	Set_Used	BIB_ID	DUT_Op	Volt1	Loc1	DUT_micro1	Volt2	Loc2	DUT_micro2	Volt3	Loc3	DUT_micro3	Status
AJ43244.1.1	[X]	[X]	BLC0844	177	-	-	-	14.32	2.38	14	-	-	-	Pass
AJ43244.1.2	[X]	[X]	BLC0801	177	-	-	-	14.48	2.076	12.21	-	-	-	Pass
AJ43244.1.3	[X]	[X]	BLC0879	174	-	-	-	14.45	2.46	14.3	-	-	-	Pass
AJ43244.1.4	[X]	[X]	BLC0892	175	-	-	-	14.46	2.371	14.2	-	-	-	Pass
AJ43244.1.5	[X]	[X]	BLC0891	173	-	-	-	14.29	2.076	12.97	-	-	-	Pass
AJ43244.1.6	[X]	[X]	BLC0804	175	-	-	-	14.53	2.391	13.44	-	-	-	Pass

PIVCM\_REV1.00 (mycircuit@outlook.com)

Save Time (Min 60 Seconds)

"We customize and design base on your requirements"

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**Products and Capabilities:**

- Burn in System
- Burn in Driver with Power Supply
- Custom Burn in Board Driver
- PC Based Oven Monitoring System

- Burn in Board
- Embedded System Projects
- PCB Design and Assembly
- PCB Fabrication