



# MYCIRCUIT, INC.

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

## Burn in Driver

MCD-3P2N-24C

### 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
- ✓ Using MYCIRCUIT PIVM Software

### Driver Capabilities

- ✓ 5 Power Supply (3 Pos. 2 Neg)
- ✓ 24 Clock Gen 0.1 HZ TO 20MHZ
- ✓ 24 Channel Pattern Gen
- ✓ Oven Temperature Monitoring



MYCIRCUIT PIVM

SOFTWARE INTERFACE

LOT ID File Name	PS	Used	Voltages	LIMIT	MINMAX	MDUT_minMAX	MDUT_minMAX	OnDelayTime	OffDelayTime
	VCC1	[x]	10	5	15	14	12	11	25
	VCC2	[x]	10	5	15	14	12	11	25
	VCC3	[x]	10	5	15	14	12	11	25
	VCC4	[x]	10	5	15	14	12	11	25
	VCC5	[x]	10	5	15	14	12	11	25
	VCC6	[x]	10	5	15	14	12	11	25
	VCC7	[x]	10	5	15	14	12	11	25
	VCC8	[x]	10	5	15	14	12	11	25
	VCC9	[x]	10	5	15	14	12	11	25
	VCC10	[x]	10	5	15	14	12	11	25
	VCC11	[x]	10	5	15	14	12	11	25
	VCC12	[x]	10	5	15	14	12	11	25
	VCC13	[x]	10	5	15	14	12	11	25
	VCC14	[x]	10	5	15	14	12	11	25
	VCC15	[x]	10	5	15	14	12	11	25
	VCC16	[x]	10	5	15	14	12	11	25
	VCC17	[x]	10	5	15	14	12	11	25
	VCC18	[x]	10	5	15	14	12	11	25
	VCC19	[x]	10	5	15	14	12	11	25
	VCC20	[x]	10	5	15	14	12	11	25
	VCC21	[x]	10	5	15	14	12	11	25
	VCC22	[x]	10	5	15	14	12	11	25
	VCC23	[x]	10	5	15	14	12	11	25
	VCC24	[x]	10	5	15	14	12	11	25

Set and Assign Voltage, Current

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

Set and Assign Frequency

IC	IC ENABLE	LOOP 0.25SEC	NUMBER OF DATA
IC1	[x]	1000	25
IC2	[x]	1000	25

Set and Enable I2C features

Set and Enable SPI features

Pattern	BitDriver Address	Start	End	Loop	PatternCount
P0	0	1	2	3	4
P1	0	0	0	0	0
P2	0	0	0	0	0
P3	0	0	0	0	0
P4	0	0	0	0	0

Set and Assign different Signal Patterns

Detect Failing Slot or BIB during BI process

Lot_ID	Set_ID	Set_Used	BIB_ID	DUT_Qty	Vcc1	loc1	DUT_micro1	Vcc2	loc2	DUT_micro2	Vcc3	loc3	DUT_micro3	Status
AJ43244.1	1	[x]	BLC0804	177	-	-	-	-	-	-	-	-	-	Pass
AJ43244.2	2	[x]	BLC0801	177	-	-	-	-	-	-	-	-	-	Pass
AJ43244.3	3	[x]	BLC0879	174	-	-	-	-	-	-	-	-	-	Pass
AJ43244.4	4	[x]	BLC0892	175	-	-	-	-	-	-	-	-	-	Pass
AJ43244.5	5	[x]	BLC0891	173	-	-	-	-	-	-	-	-	-	Pass
AJ43244.6	6	[x]	BLC0894	175	-	-	-	-	-	-	-	-	-	Pass

Output all data to Excel File

"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