

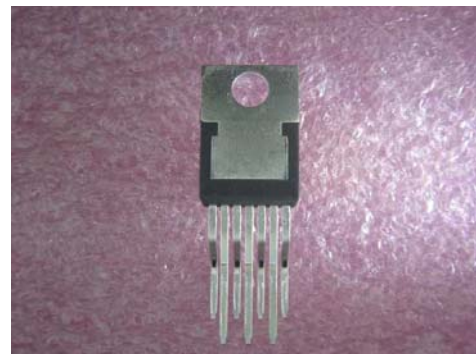
Electrical Test Report

Customer:	1 Source	Order ref:	
Manufacturer:	Burr Brown	Requestor:	Jan
Part Number:	DRV101T	Date/Time:	2008-01-25
Technician:	Arjen	Received by:	Oh Ling
datasheet :	http://www.datasheet4u.com/html/D/R/V/DRV101_Burr-BrownCorporation.pdf.html		

Test Data:	<p>Received 167 parts for functional testing.</p> <p>Found that the parts do not function according to the data sheet.</p> <p>These parts are basically switching PWM current regulators, the parts do regulate current in PWM mode, but pin one is supposed to switch the Device on and off at about 1,7 volts. These parts switch on by themselves.</p> <p>The pulse width is regulatable by a resistor between pin 3 and GND, but this should not influence the on off mode of the device. therefore these parts failed on the functional test.</p>
Result:	Fail 167 PCS



Top-side



Bottom-side

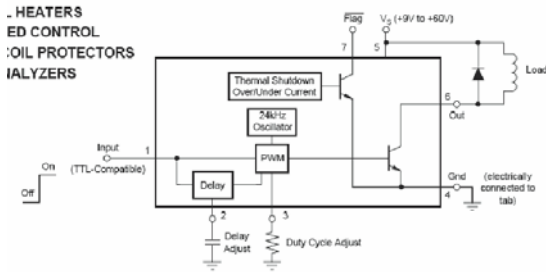
Component Information

Count QTY	<input type="text" value="167"/>
Test QTY:	<input type="text" value="167"/>
Package style	<input type="text" value="TO-220"/>
Date code:	<input type="text" value="0736"/>
Lot code:	<input type="text"/>

Description of Testing Procedure

Used the Datasheet figure 1 on page one as the reference for the test fixture.

Test circuit Schematic



Test Results:

short circuit

if mixed, QTY:

Open contacts

if mixed, QTY:

Signal distortion

if mixed, QTY:

Expected function:

if mixed, QTY:

Equipment 1

Equipment 2

Equipment 3

Equipment 4

Test result: