

Did you know #3?

THIS BT-BASIC COMMAND?

May 9, 2019
Cleveland, OH



BTUJG 2019

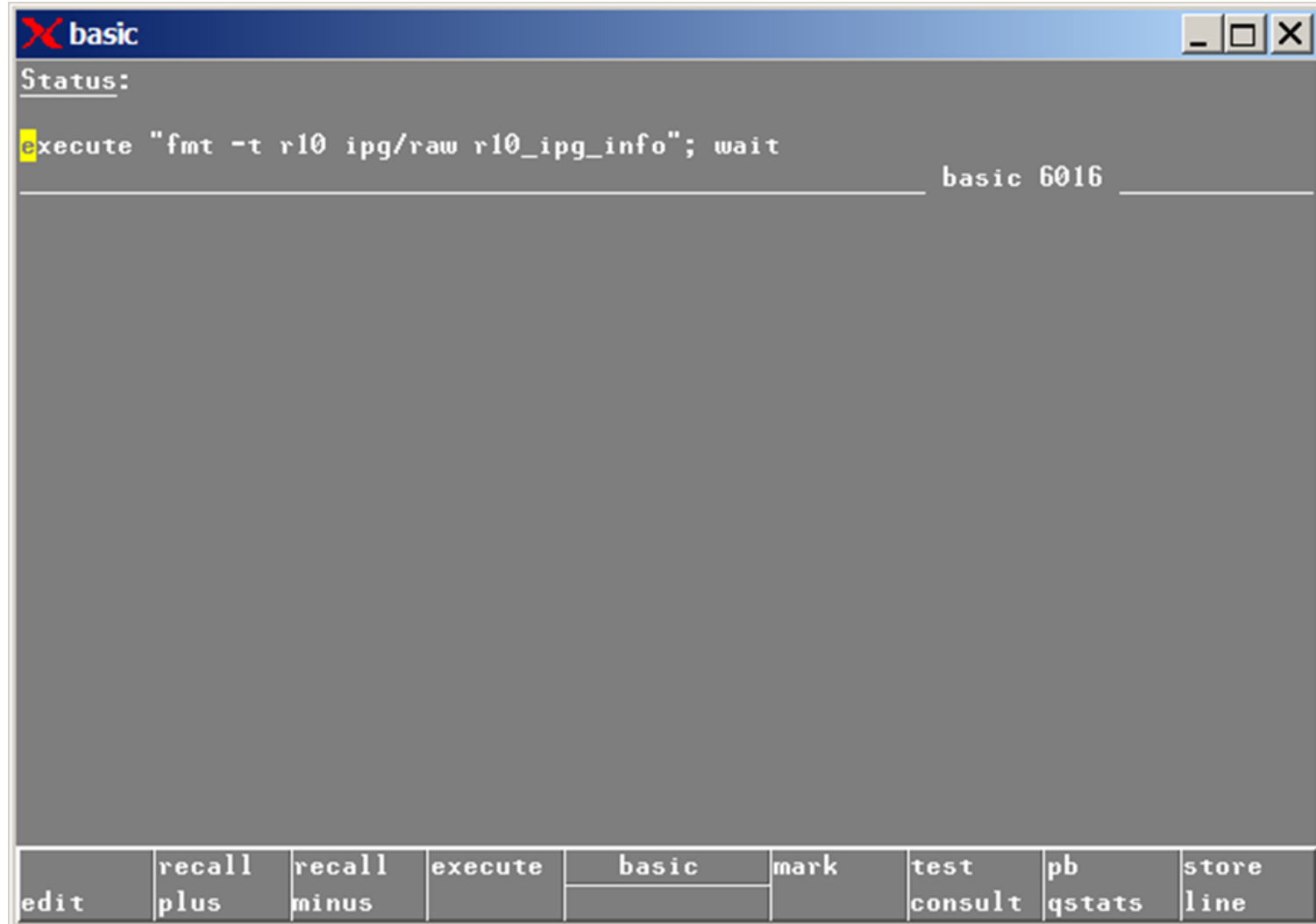
Keysight i3070 command

FMT

Information	Description
Shorts Test Details	Lists the opens-threshold and all nodes that were found to be shorted including the impedance between each pair of shorted nodes. The impedance for each open node is listed. Any change in settling delay or threshold is noted. All nodes that are not accessible are also noted.
CHEK-POINT (pins) Test Details	Lists each node that is isolated (open to CHEK-POINT), or not accessible.
Analog In-Circuit Test Details	Contains a section for each analog in-circuit test.
Digital Test Details	Lists, for each digital device test, which pins are not tested, which pins are under tested, which upstream pins are disabled or enabled, if a bus could not be disabled, and if pull-up resistors are required to test the device.
Warnings	General comments, such as the effect of inaccessible nodes on shorts testing and CHEK-POINT.

Keysight i3070 command

fmt -t



The screenshot shows a terminal window titled "basic" with a blue header bar. The window contains the following text:

```
Status:  
execute "fmt -t r10 ipg/raw r10_ipg_info"; wait
```

At the bottom right of the terminal area, the text "basic 6016" is displayed. Below the terminal area is a control bar with several buttons: "edit", "recall plus", "recall minus", "execute", "basic", "mark", "test consult", "pb qstats", and "store line".

Keysight i3070 command

```
r10_ipg_info
Status: 44 lines in workspace.
load "r10_ipg_info";nowindow
text 17168

"r10" resistor
subtest "" master
S on "VCC" I on "N05591"
Test Status : NORMAL

DUT :
nominal 3.300k
plus tol 9.9%; minus tol 9.9%
high 3.627k; low 2.973k
options : remote sense on; adj 2

tolerance multiplier 5.0

Test limits :
nominal 3.300k
plus tol 10.3%; minus tol 10.0%
high 3.640k; low 2.970k
test opts: am 100m co 150m wa 10.3n wait error 2.3000e-03 wb re 4 ar 500m
```

edit	recall plus	recall minus	execute	BASIC	mark	test consult	pb qstats	store line
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Keysight i3070 command

```
r10_ipg_info
Status: 44 lines in workspace.

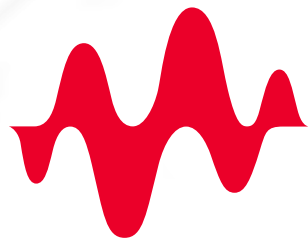
load "r10_ipg_info";nowindow
text 17168

dut range 653.3; test quality 28.10m
selection: total 12; tried 1; used 1; upranges 0 (0)
noise : mu 0.0000e+00; sigma 5.2754e-05
MOR gain : AC 0.0000e+00 + j 0.0000e+00; DC -3.3617e+00
MOR out : AC 0.0000e+00 + j 0.0000e+00; DC -3.3617e-01
Ysi max: AC 0.0000e+00 + j 0.0000e+00; DC 3.3633e-04
parallel: Cp 0.0000e+00 || Rp 3.6270e+03
series: Ls 0.0000e+00 + Rs 3.6270e+03
Ysi min: AC 0.0000e+00 + j 0.0000e+00; DC 2.7573e-04
parallel: Cp 0.0000e+00 || Rp 2.9730e+03
series: Ls 0.0000e+00 + Rs 2.9730e+03
voltages : (DC on; DC off)
MOR output mu : -3.0257e-01; 0.0000e+00;
sigma: 2.4049e-04; 0.0000e+00;
reference mu : 0.0000e+00; 0.0000e+00;
sigma : 0.0000e+00; 0.0000e+00;
A bus mu : 1.0000e-01; 0.0000e+00;
sigma : 2.4835e-09; 0.0000e+00;
B bus mu : 0.0000e+00; 0.0000e+00;
sigma : 0.0000e+00; 0.0000e+00;
```

command	recall	recall	execute	BASIC	mark	test	pb	store
	plus	minus				consult	qstats	line

What's Next





KEYSIGHT
TECHNOLOGIES

4.50221