

1450.4 meeting minutes – 05/09/12

Attendees: Ernie Wahl, Jim O'Reilly

Not present: Julia DiChiaro, Oleg Erlich, Markus Seuring, Ajay Khoche, Paul Reuter.

Summary:

Line numbers are with regard to syntax document dated May 08, 2012.

RECOMMEND Line 3448: accept Signal attribute "Control": a non-DUT signal used to control loadboard components, e.g., relays.

RECOMMEND Line 3452: accept Signal attribute "Trim": a signal used to burn DUT links.

RECOMMEND Add optional Components blocks under Device (tester independent) & Tester (tester specific) block

RECOMMEND attribute keyword Connection, syntax: Connect +node -node (+node -node)+

RECOMMEND attribute keyword Tolerance: % for resistors, % or farads for capacitors

RECOMMEND attribute keyword Rating: watts for resistors, volts for capacitors

RECOMMEND attribute keyword Type: NO|NC, SPST|SPDT|DPST|DPDT

NOTE: No channel can have the same as a signal name

NOTE: Signal name "sig_control" with Signal attribute "Control" makes this tester independent

```
Components {                               // In Device block
    // 2 contact points; Tolerance in % or pF;
    Capacitor 8pF { Connect VDD sig_i; Tolerance 0.05pF; Rating 50V; }

    // 2 contact points; Tolerance in %
    Resistor 50R { Connect sig_q VDD; Tolerance 10%; Rating 0.25W; }

    // 4 contact points:
    // a. switch pivot, b. switch open/close,
    // c. positive coil, d. negative coil; Voltage controlled switch
    Switch { Connect sig_qb lf16 GND sig_control; Type NO,SPST; }

    Diode { Connect sig_qb lf16 GND sig_control; **** } // 2 contact points
    Inductor { Connect sig_qb lf16 GND sig_control; **** } // 2 contact points
}
```

Actions:

- Jim to rework Verigy example from STIL paper so that the STIL translation is consistent with its original Verigy code.

Reference documents (If logged into your google account, can edit. If not, can only view.)

- [Current Draft Syntax Document](#)
- [Issues List](#)
- [Namespace resolution examples document](#)
- [Communications spread sheet](#) (scratchpad spreadsheet)
- [Communications word doc](#) (scratchpad word document)

Next meeting: 05/16/12

For reference STIL .4 information can be found at the IEEE STIL website: <http://grouper.ieee.org/groups/1450/> (select the [P1450.4](#) link from the table) or use the direct link <http://grouper.ieee.org/groups/1450/dot4/index.html>