



saved a few seconds ago

EDITOR

✓ NAV-TLV

LOG

```
1  \m4_TLV_version 1d: tl-x.org
2  \SV
3      `include "sqrt32.v";
4      m4_makerchip_module
5  \TLV
6
7  |calc
8      // 2-D Co-ordinates (XX-Co-ord & YY Co-ord to store the two similar da
9
10     // Pythagoras Theorem is Implemented using Hierarchi TL-Veliog Abstrac
11  /coord[1:0]
12  @1
13     $sq[15:0] = $value[7:0] ** 2;
14  @2
15     $cc_sq[16:0] = /coord[0]$sq + /coord[1]$sq;
16  @3
17     $cc[7:0] = sqrt($cc_sq);
18     // Print
19  @3
20  \SV_plus
21  always_ff @(posedge clk) begin
22     \display("sqrt((\%2d ^ 2) + (\%2d ^ 2)) = %2d", /coord[0]$va
23     end
24  \SV
25  endmodule
26
```