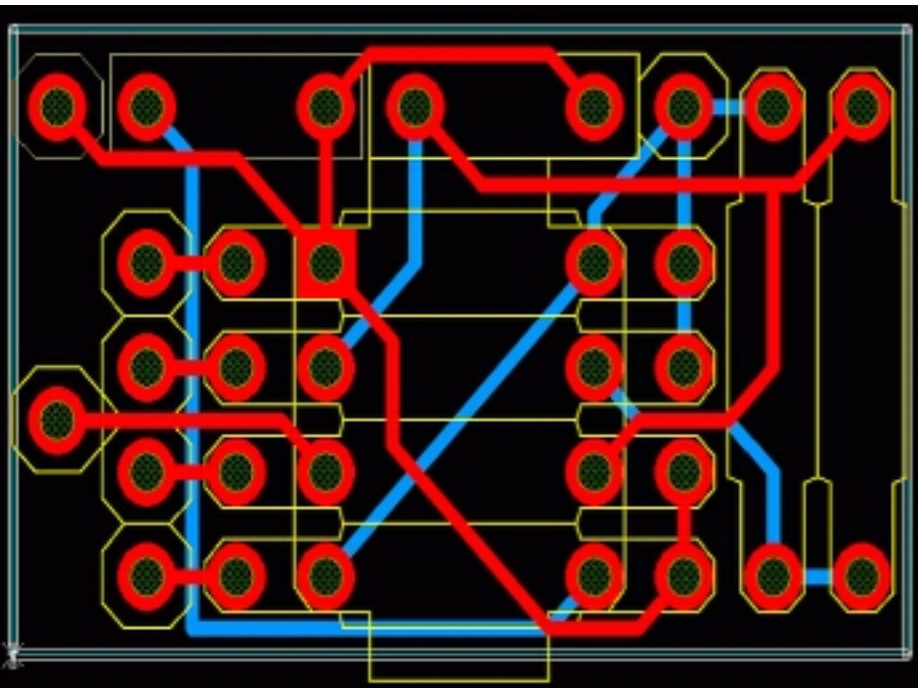
Flasher thru hole

From WikiSTEP

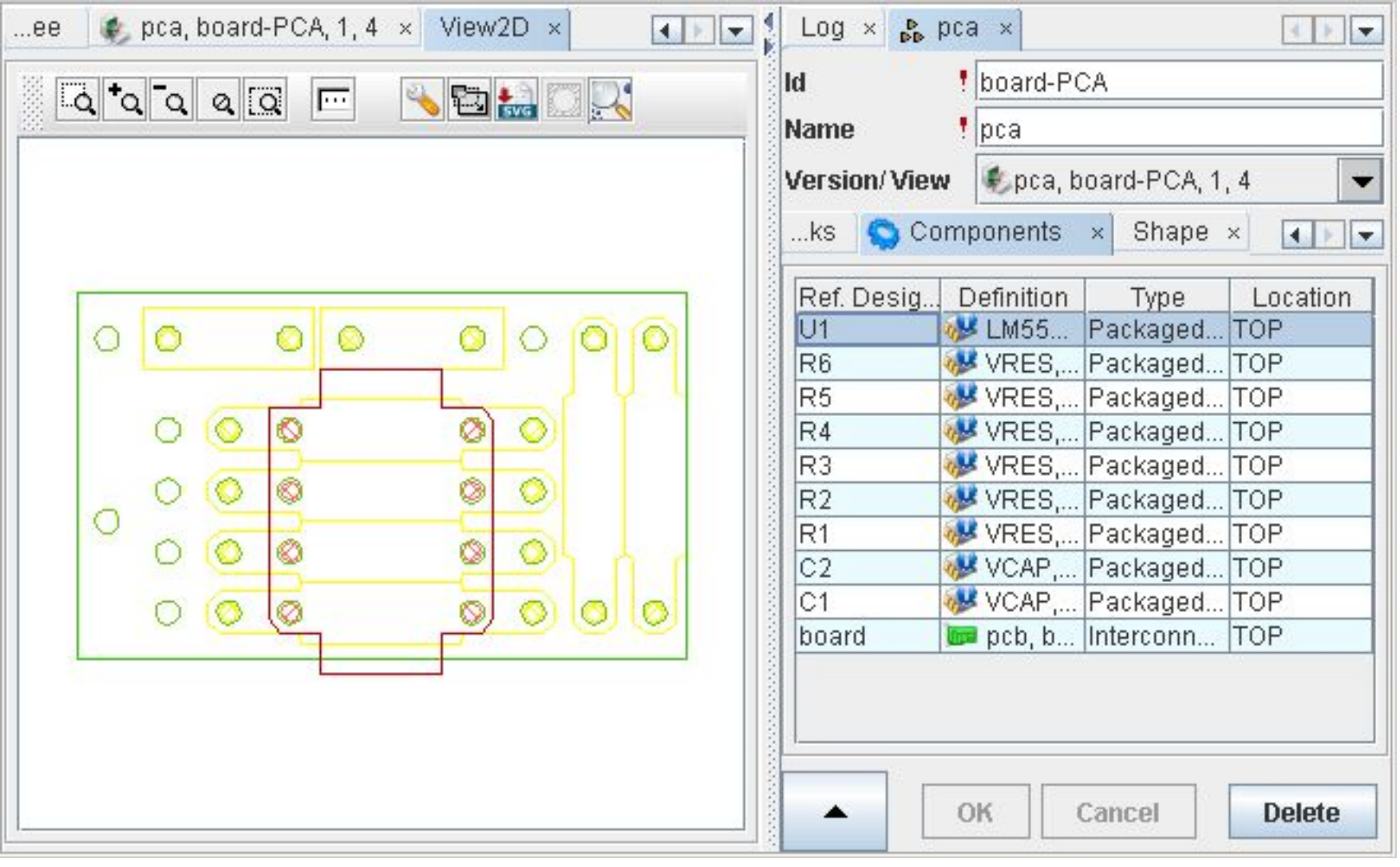
This example is a part of ElectroMechanical Pilot (http://empilot.aticorp.org/) test cases.

Contents

1 Example: Mentor Boardstation layout view



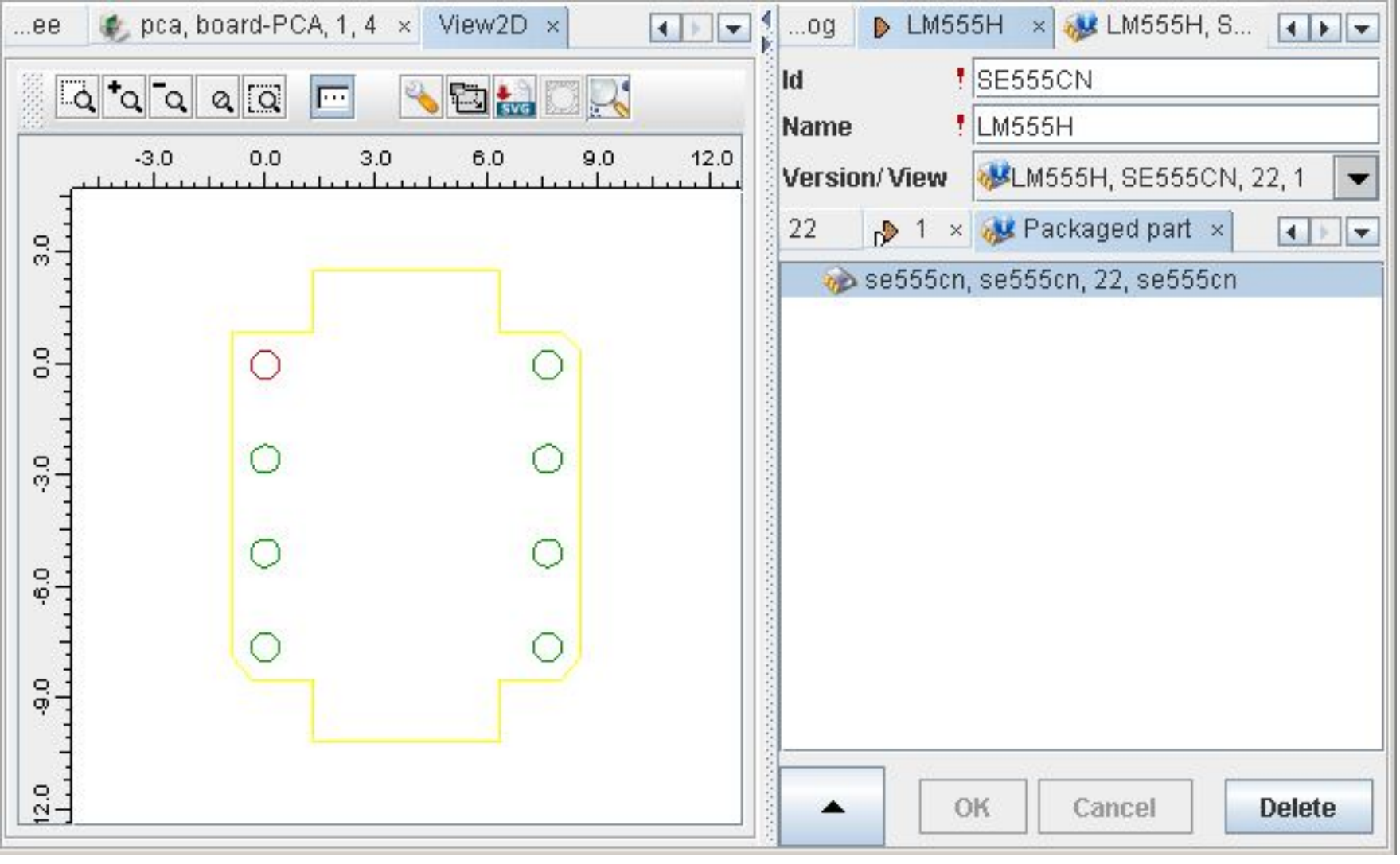
2 Example: STEP-Book with PCA design view (highlighted 8 terminals Package)



Meanings of colours:

- **green** - interconnect module components: surface feature, terminal;
- **yellow** / red (highlighted) cross filling - packaged component joint terminal;
- **yellow** - package body;
- **red** - highlighted U1 packaged component.

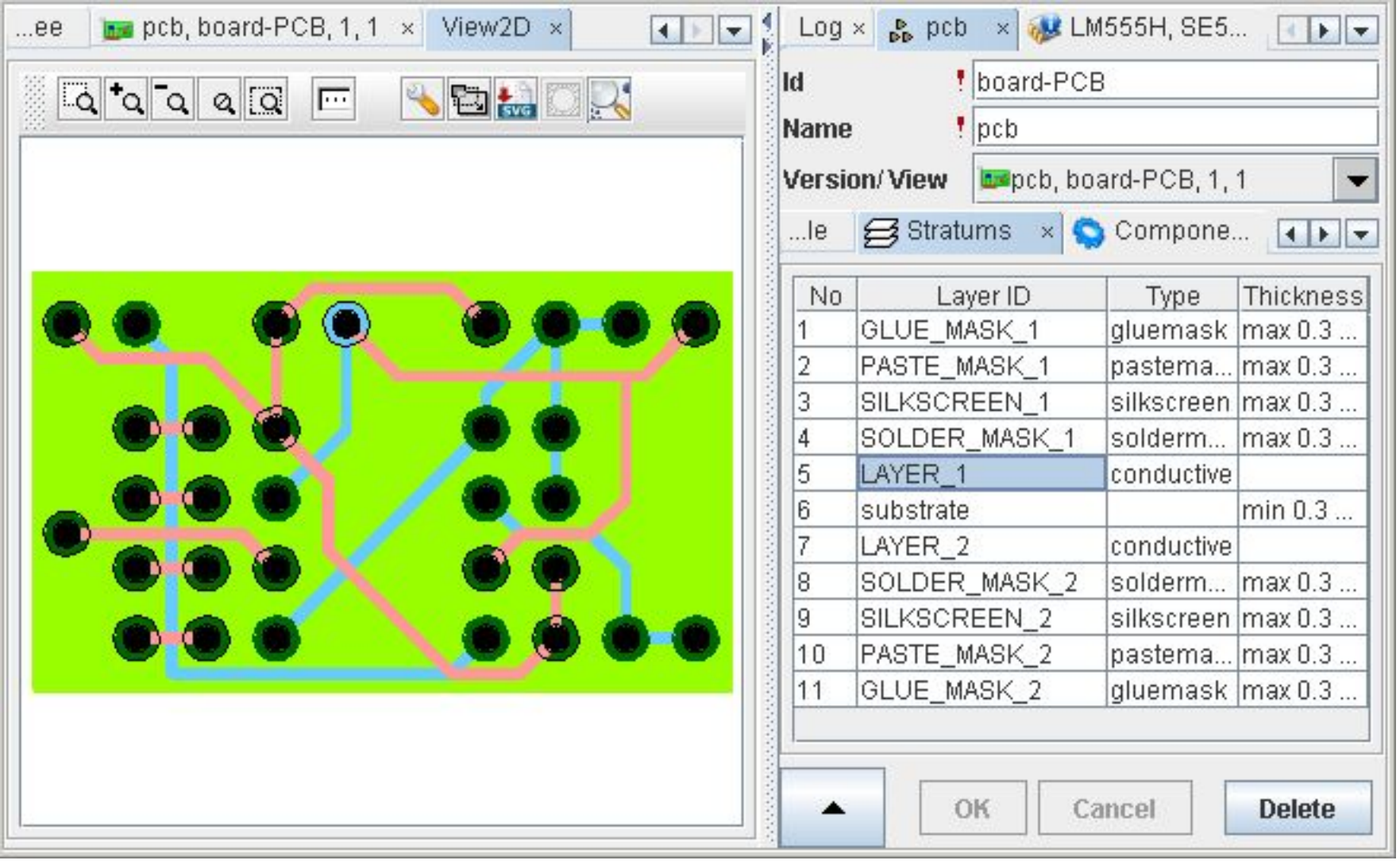
3 Example: STEP-Book with the Package view



Meanings of colours:

- **green** - package terminals;
- **red** - highlighted package terminal;
- **yellow** - package body.

4 Example: STEP-Book with PCB design view



Meanings of colours:

- **black** - component termination passage
- **light red** - design layer stratum (LAYER_1)
- **light blue** - design layer stratum (LAYER_2)
- **dark green** - Solder Mask
- **lime** - interconnect module (PCB usage view): cutout surface, edge surface

5 Example: Statistics

5.1 Statistics for Assembly Module (PCA)

Number of:

- packages: 6
- packaged parts: 6
- packaged component: 9
- packaged component terminals: 24
- physical connectivity definitions: 10

5.2 Statistics for Interconnect Module (PCB)

Number of:

- physical networks: 10
- stratums: 11 (design: 2, docu: 8)

- interface terminals: 31
- component termination passages: 31
- contact size dependent lands (SMD-pads): 0
- vias: 0
- conductive interconnect elements (tracks): 22
- conductive filled areas: 0 (connected:0)
- instances AIM: 7826

6 Example: STEP Files

- FlasherThruHole.stp - the result of the conversion is available in AP210 file format