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Software Development

Plug-In PCB-Investigator:

Get all relevant data of a pcb on
one view with "Design Report"

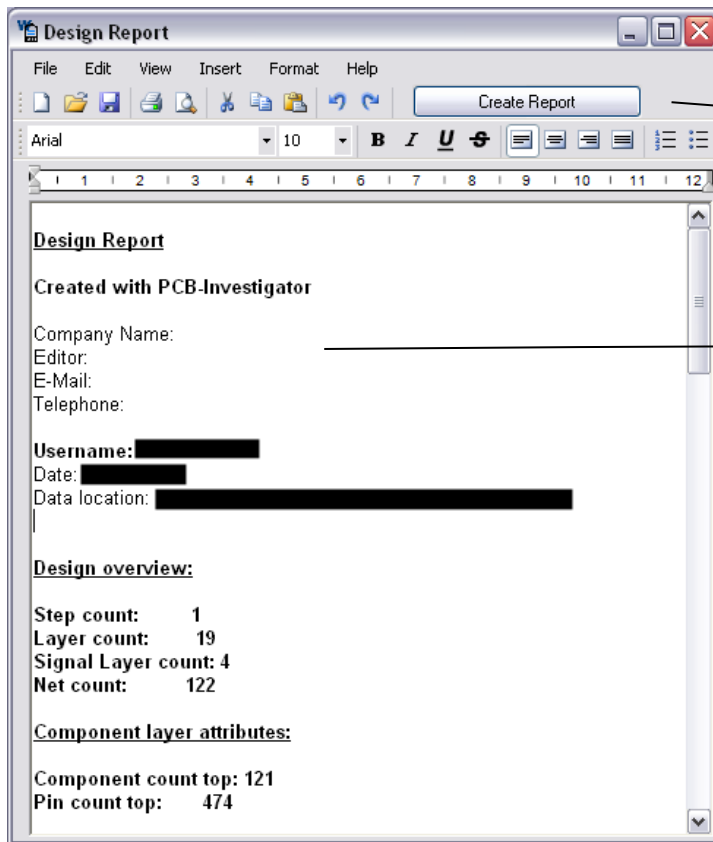
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Design Report Plug-In

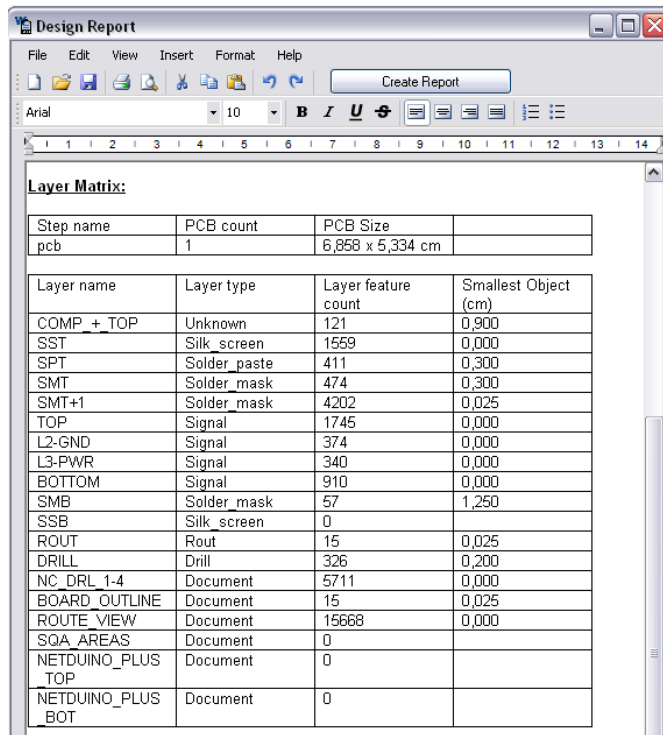
After installing the plug-in you get the new menu item  PCB Design Report .



Generates the report

Enter these data by yourself

Design Report Plug-In

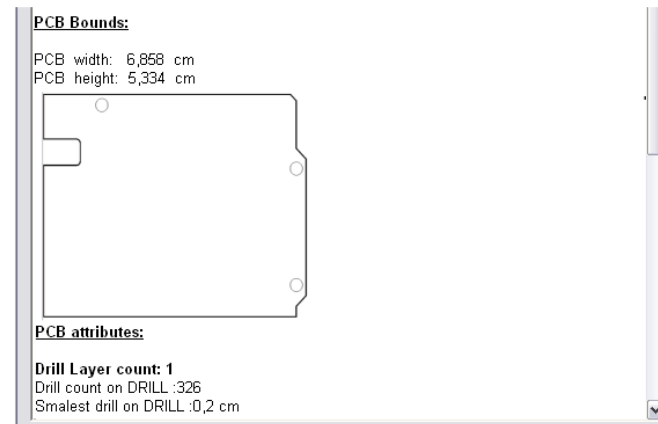


The screenshot shows a software window titled "Design Report" with a menu bar (File, Edit, View, Insert, Format, Help) and a toolbar. Below the toolbar is a text area with "Arial" font and "10" size. A "Create Report" button is visible. The main content area displays a table titled "Layer Matrix:".

Step name	PCB count	PCB Size	
pcb	1	6,858 x 5,334 cm	

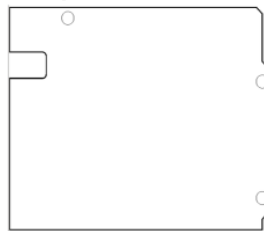
Layer name	Layer type	Layer feature count	Smallest Object (cm)
COMP_+ TOP	Unknown	121	0,900
SST	Silk_screen	1559	0,000
SPT	Solder_paste	411	0,300
SMT	Solder_mask	474	0,300
SMT+1	Solder_mask	4202	0,025
TOP	Signal	1745	0,000
L2-GND	Signal	374	0,000
L3-PWR	Signal	340	0,000
BOTTOM	Signal	910	0,000
SMB	Solder_mask	57	1,250
SSB	Silk_screen	0	
ROUT	Rout	15	0,025
DRILL	Drill	326	0,200
NC_DRL_1-4	Document	5711	0,000
BOARD_OUTLINE	Document	15	0,025
ROUTE_VIEW	Document	15668	0,000
SQA_AREAS	Document	0	
NETDUINO_PLUS TOP	Document	0	
NETDUINO_PLUS BOT	Document	0	

Overview with layer matrix, bounds and attributes



The screenshot shows a software window titled "Design Report" displaying PCB bounds and attributes. The "PCB Bounds:" section shows the width and height of the PCB. The "PCB attributes:" section shows the drill layer count and the smallest drill size.

PCB Bounds:
PCB width: 6,858 cm
PCB height: 5,334 cm



PCB attributes:
Drill Layer count: 1
Drill count on DRILL :326
Smallest drill on DRILL :0,2 cm

Design Report Plug-In

- „Design Report“ provides an overview with all relevant data of your printed circuit board.
- „Create Report“ generates the overview; then enter company name, editor, e-mail and telephone by yourself.
- Below you find all key data about layers, nets, components, pins, drills, the layer matrix and its bounds.
- The text can be edited and saved in RTF format.