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Software Development

Plug-In PCB-Investigator:

"Net Length" calculates lengths of all nets

Schindler & Schill GmbH Bruderwöhrdstraße 15b 93055 Regensburg Deutschland

Tel: Email: Web:

+49 941 604889719 info@easyLogix.de www.easyLogix.de

Net Length Plug-In

Software Development

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After installing the Plug-In you get the new menu item 🔁

File	
PCB-Investiga	tor Plug-In
Net Length Net on Component	
Net Name	Length in mm 🔼
\$NONE\$	26115,5
/_NF\$263	4,909869
/_NF\$264	5,486431
/_NF\$265	4,909869
/_NF\$269	3,346457
/_NF\$270	3,346457
/_NF\$272	2,992126
/_NF\$273	5,92182
/_NF\$274	3,976378
/_NF\$275	3,976378
/_NF\$276	3,976378
/_NF\$277	6,681523
/_NF\$278	4,96063
/_NF\$279	2,992126
/_NF\$280	2,992126
/_NF\$282	8,531917
/_NF\$283	3,110236
/_NF\$284	3,110236
/_NF\$285	3,110236
/_NF\$286	3,110236
/_NF\$287	3,110236
/_NF\$288	3,110236
/_NF\$289	3,110236
/_NF\$291	6,760263
/_NF\$293	3,976378 🗸

Display for the nets and their lengths

File	DCR Trypetige	tor Dlu	a Tu		
PCB-Investigator Plug-In					
Net Length	Net on Component				
Name	Net Name	Pin	Net Length		
B70 (top)	/BATTERY(223)	1	611,5		
	/BATTERY(223)	2	611,5		
1	/GND(466)	3	74616,09		
C1 (top)	/GND(466)	1	74616,09		
1	/CVCC(346)	2	693,1736		
C100 (top)	/HVCC(499)	1	714,5282		
	/GND(466)	2	74616,09		
C102 (top)	/AVCC(139)	1	4141,417		
	/GND(466)	2	74616,09		
C108 (top)	/HVCC(499)	1	714,5282		
	/GND(466)	2	74616,09		
C113 (top)	/MVCC(698)	1	1933,478		
	/GND(466)	2	74616,09		
C115 (top)	/MVCC(698)	1	1933,478		
	/GND(466)	2	74616,09		
C117 (top)	/MVCC(698)	1	1933,478		
	/GND(466)	2	74616,09		
C126 (top)	/LCDVDD(574)	1	3784,406		
	/GND(466)	2	74616,09		
C129 (top)	/VEEPOS(956)	1	5154,354		
	/GND(466)	2	74616,09		
C13 (top)	/BLOFF-(237)	1	2117,51		
	/GND(466)	2	74616,09	~	

Net Length

Display for all nets which are connected to a certain component.

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"Net Length" calculates the lenghts of all nets of a printed circuit board with the following presettings:

- Lines are added up
- Surfaces are not taken into account
- Intersections are plurally counted