ELE 4142

HW3

Name_

- 1 Download Ultiboard from the NI website: <u>https://www.ni.com/en/support/downloads/software-products/download.ultiboard.html</u>
- 2 Create a fully wired schematic in MultiSim. It must include 20 components, with at least 1 OpAmp and 1 connector.
 Choose a vide variety of components. Make sure that when you choose a component it has a Package manufacturer/ type listed
- 3 Transfer the design to Ultiboard
 Transfer → Transfer to Ultiboard → Transfer to Ultiboard
 14.3,
- 4 In Ultiboard

Autoroute → Autoplace Parts Spread them around some Autoroute → Start/Resume autoroute Play around with the 3D view: View→3D View

5 – Submit the schematic, board plot, and a picture from the 3D view

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	Function	1:				
	Chip Re Jumper	esistor / r 63mW	Array, Iso Concave	lated, 4>	00hm	^
						\sim
	Model m	anufact	urer/ID:			
	Bourns	/CAT1	D-00034LF	=/BO		
	Package	manufa	acturer/ty	/pe:		
	Package	manufa	acturer/ty	/pe:		
	Package Bourns	e manufa /EIA 08	acturer/ty 804(CAT 1	/pe: 10-J)		
	Package Bourns Hyperlin	e manufa /EIA 08	acturer/ty 804(CAT 1	/pe: 10-J)		
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