

Title: Export and Import of Netgroup definitions

Product: OrCAD Capture and Allegro DE CIS from version SPB 16.5

Summary: This application note describes how to export and import Netgroup definitions in OrCAD Capture.

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## 1 Introduction

With Release 16.5 OrCAD Capture introduces the concept of the NetGroup that allows you to create groups of nets. A NetGroup can include a group of scalar nets, vector nets or a combination of both scalar and vector nets. Capture allows you to create Named NetGroups that can be used across a design or exported to other designs.

## 2 Export Netgroups

1. Open a design.
2. You do not have a GUI option to export the NetGroup property. Export NetGroup will be used via the TCL command prompt.
3. In the command window, enter "XMATIC\_ExportBundleXML" Tcl Command. Type the following in TCL command window

```
XMATIC_ExportBundleXML FileNameOfOpenDesign.DSN FileNameofXMLFile.XML
FileNameOfXSDFile.xsd FileNameOfLogfile.log
```

4. Close this design

```
Capture> pwd
D:/
Capture> cd TR0165
Capture> pwd
D:/TR0165
Capture> cd 1ab
Capture> cd 1ab2
Capture> pwd
D:/TR0165/1ab/1ab2
Capture> XMATIC_ExportBundleXML EXPORTIMPORTNETGROUP.DSN EXPORTIMPORTNETGROUP.XML EXPORTIMPORTNETGROUP.xsd EXPORTIMPORTNETGROUP.log
Capture>
```

## 3 Import Netgroups

1. Open another design and open a schematic page.
2. From the Place menu choose NetGroup
3. Select the Import NetGroup and select the xml file that was created
4. As you import the Xml file the NetGroup definition is imported to the current design

