



MakeCAP PRODUCT FAMILY

Helping drive the Allegro constraint-driven flow from the Capture frontend.
Builds on the default Capture-Allegro integrated property flow and
preserves inherent Allegro data integrity.

MakeCAP

FEATURES:

MakeCAP

SCOPE:

Nets

Parts

Who's It For

For Engineers and Designers driving the built-in Capture-Allegro property flow. Easily and confidently embed properties in Capture and netlist forward to Allegro and Constraint Manager for Parts and Nets.

The ideal way to capture and share Design Intent with others in your Design Team, and with your outsourced technical resources, in the language of the Allegro constraint-driven flow. Populate Constraint Manager directly from Capture.

What's It Do

Create perfect Allegro property syntax definitions. Create and apply a property to many Nets or Parts in a single operation with graphical picks, wildcards and Boolean selects. The unique MakeCAP spreadsheet grid links to database forms to make it easy to select graphically in the grid and apply properties in the forms to Capture data without typos or errors.

Work directly with your Capture DSN files – Capture is not required to use MakeCAP. When Capture is available and running, MakeCAP starts from within your Capture menu – then crossprobe, select and navigate between MakeCAP and your Capture schematic.

Complete constraint support for Parts, differential pairs, PinPairs, Min/Max Prop Delay and RelProp Delay. Graphical WYSIWYG displays of diffpairs and RelProp timing confirms your properties correctly express your Design Intent.

Compare Part & Net property differences between any two Capture DSN files with MakeCAP ECO Compare. Automatically update properties from MakeCAP directly into your Capture DSN file as well as write Update files.



MakeCAP Power

FEATURES:

MakeCAP

Power

SCOPE:

Nets

Parts

Who's It For

For Engineers and Designers wanting to fully constrain Allegro from the Capture Desktop. Full property control of XNets, TPoints and complex timing for DDR, Memories, hi-speed buses and differential interfaces from within Capture.

MakeCAP Power makes the built-in Capture-Allegro flow Allegro Aware intelligent for CSets and Hierarchical properties while preserving inherent Allegro data integrity.

MakeCAP Power builds on and includes all the features of MakeCAP.

What's It Do

Complete display and control of XNets including Net-level bubbleup. Create and constrain PinPairs built with XNets and TPoints for Min/Max Prop Delay and complex timing relationships in RelProp Delay. Includes powerful features to create and visualize constraints in the PinPair Visualizer and RelProp graphically driven timing tool.

MakeCAP Power provides visibility on the Capture Desktop of of Allegro CSets and Inherited Hierarchical properties. MakeCAP Power does not require an Allegro License or Allegro to be running.

Apply property re-use with Property Profiles. Perform DRC checks of Update files and Capture entered properties for correct syntax and CAD data with the MakeCAP Property Validator.

MakeCAP NetPower

FEATURES:

MakeCAP

Power

SCOPE:

Nets

Who's It For

Ideal if you use CIS for Part properties. For Engineers and Designers wanting to fully constrain Allegro from the Capture Desktop. Full constraint of XNets, TPoints and complex timing for DDR, Memories, hi-speed buses and differential interfaces from within Capture but without the control of Part properties.

MakeCAP NetPower includes all the features of MakeCAP Power without enabling Part property controls.