



Bartels AutoEngineer®

Version 6.0

Highlights

This document contains illustrated information about significant new features introduced with **Bartels AutoEngineer Version 6.0**.

Bartels AutoEngineer Version 6.0 Highlights

Published by: Bartels System GmbH, Erding

Last printing: November 2003

The information contained within the Bartels AutoEngineer publications as well as the products and/or programs described therein are subject to change without notice and should not be construed as a commitment by Bartels System.

Although Bartels System has gone to great effort to verify the integrity of the information provided with the Bartels AutoEngineer publications, these publications could contain technical inaccuracies or typographical errors. Bartels System shall not be liable for errors contained therein or for incidental consequential damages in connection with the furnishing, performance, or use of this material. Bartels System appreciates readers' and/or users' comments in order to improve these publications and/or the products described therein. Changes are periodically made to the information therein. These changes will be incorporated in new editions of the Bartels AutoEngineer publications.

All rights reserved. No part of the Bartels AutoEngineer publications may be reproduced, stored in a retrieval system, translated, transcribed, or transmitted, in any form or by any means manual, electric, electronic, electromagnetic, mechanical, chemical, optical, or otherwise without prior express written permission from Bartels System.

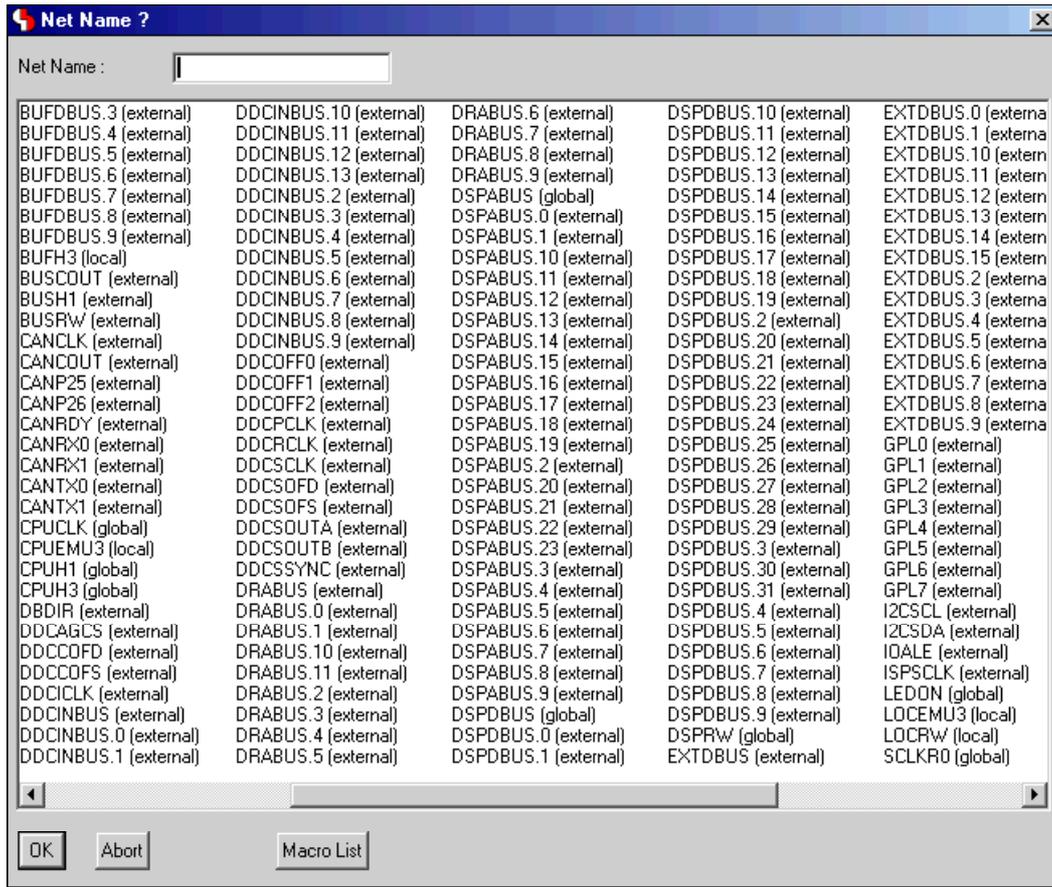
Bartels AutoEngineer®, Bartels Router®, and Bartels Autorouter® are registered trademarks of Bartels System. Bartels User Language™ and Bartels Neural Router™ are trademarks of Bartels System. All other products or services mentioned in this publication are identified by the trademarks or service marks of their respective companies or organizations.

Copyright © 1986-2003 by Oliver Bartels F+E
All Rights Reserved
Printed in Germany

Contents

Schematic Editor with Project Net Name Selection Dialogs.....	5
Schematic Editor with Automatic Bus Tap Row Placement	5
Multiline Text Processing in Schematics and Layout	6
Layout Editor with Dynamic Airline Display during Manual Routing.....	6
Autorouter Pin Connection Patterns	6
CAM Processor and CAM View Dialogs for Gerber Aperture Table Definitions.....	7

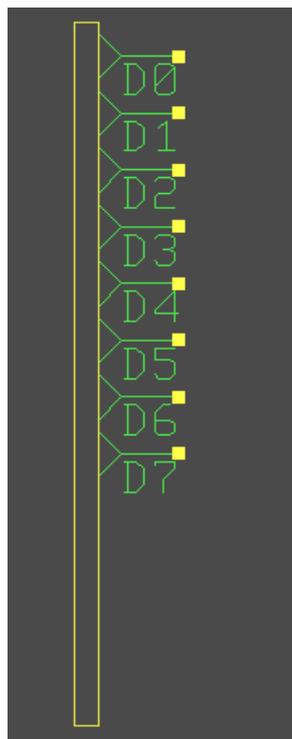
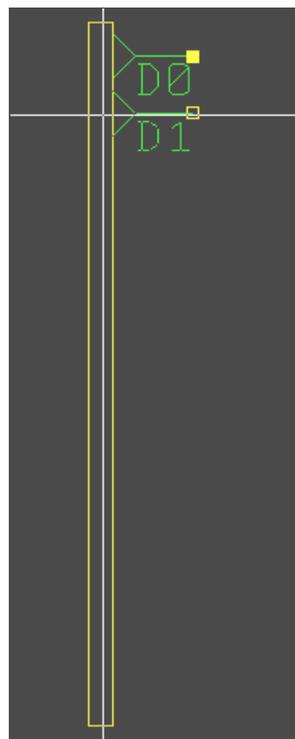
Schematic Editor with Project Net Name Selection Dialogs



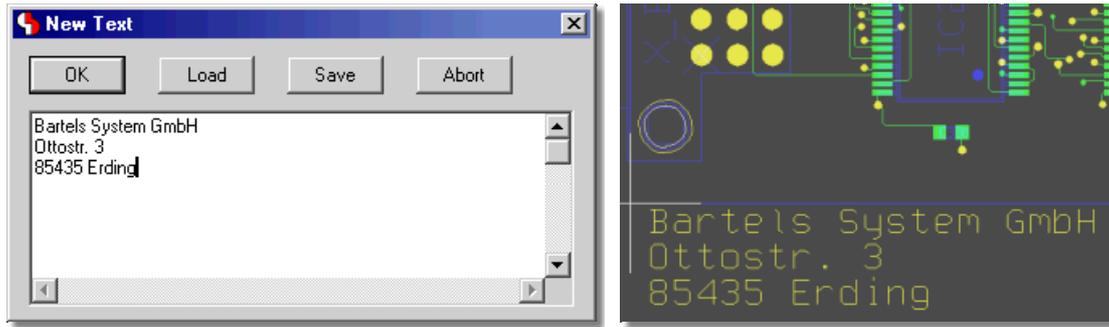
Schematic Editor with Automatic Bus Tap Row Placement

Bus Tap Row Definition

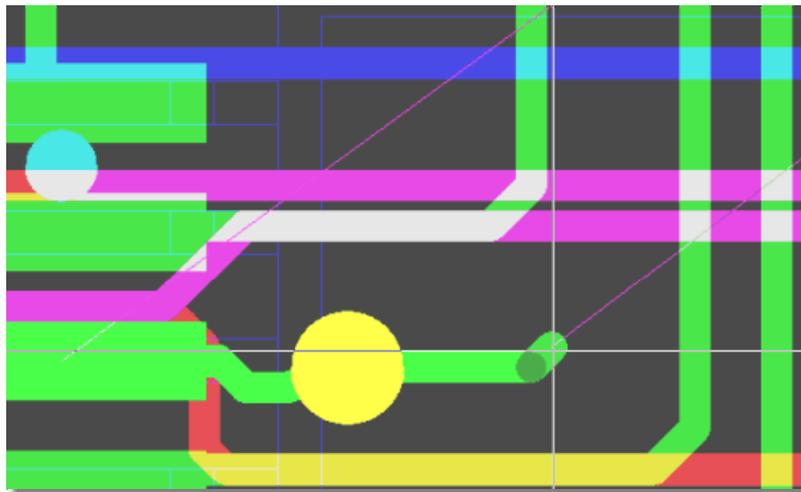
Bus Tap Row Placement



Multiline Text Processing in Schematics and Layout

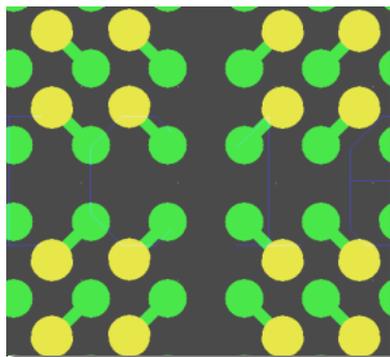


Layout Editor with Dynamic Airline Display during Manual Routing

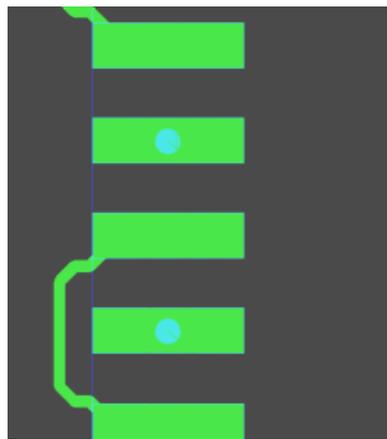


Autorouter Pin Connection Patterns

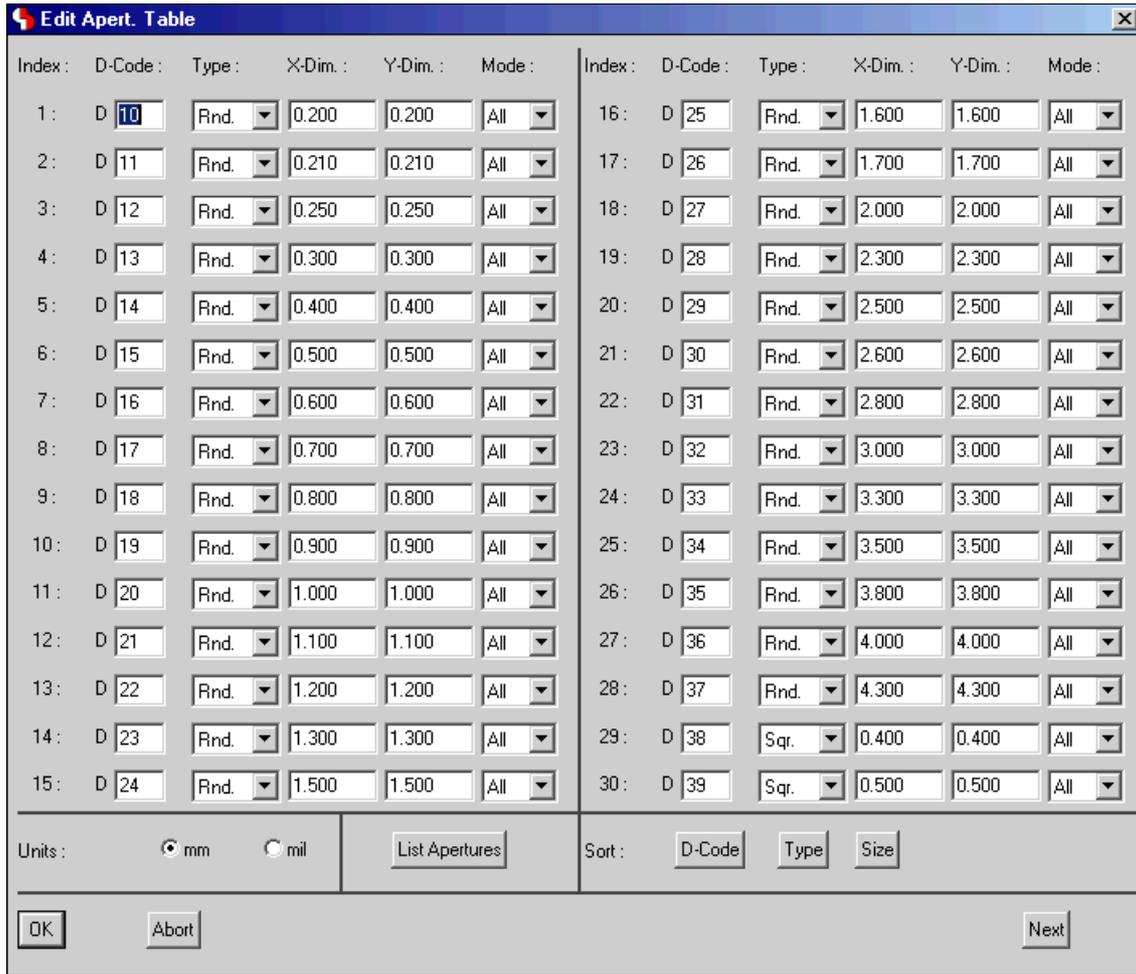
BGA Via Fanout Routing



Microvias - Via-in-Pin Routing



CAM Processor and CAM View Dialogs for Gerber Aperture Table Definitions



Please see the [Bartels AutoEngineer® Version 6.0 Release Notes](#) for a detailed description of all new **BAE Version 6.0** features.