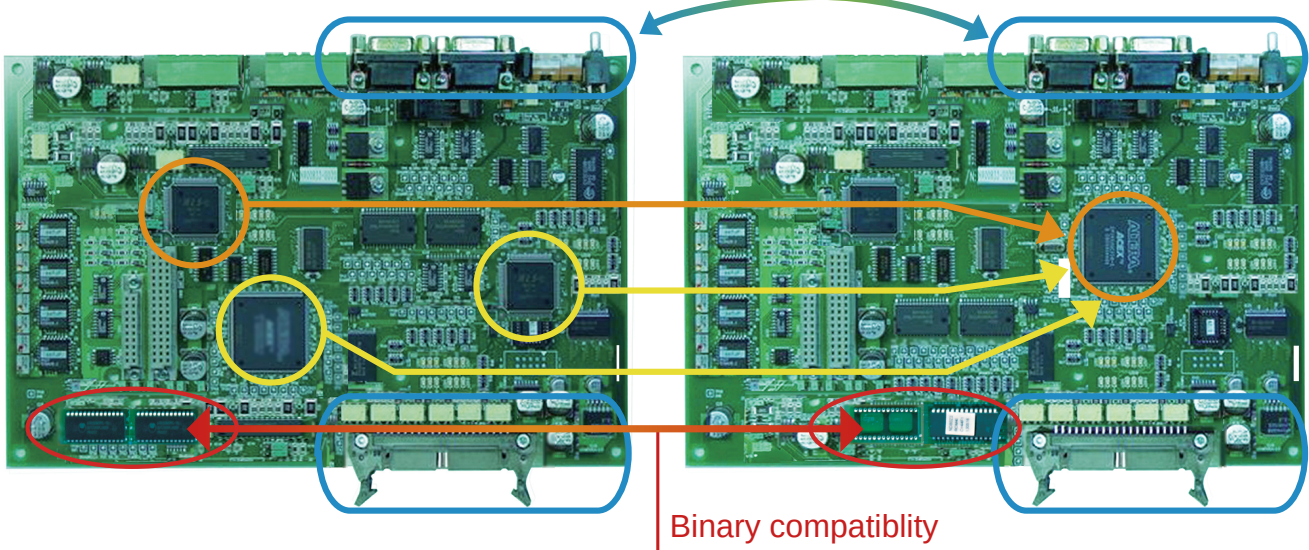


Replacement of devices for which production has stopped with FPGA

We have replaced ASSP and ASIC for which production has stopped with FPGA

- To extend the life span of equipment by increasing know-how

Interface connector and System compatibility



The circuit board does not require revision for DIP products
The pin assignment and foot pattern are compatible and replacement can be done



Replacement



Development

- ▶ Generation of the internal circuit based on the datasheets for the devices for which production has stopped
- ▶ Consideration of the method of mounting on current boards, device selection, power supply and tolerances
- ▶ They can be operated on current boards and can perform just like the earlier items

Features

- ▶ In case of DIP products, by achieving pin assignment and foot pattern compatibility, product life can be extended without board upgradation
- ▶ By faithful reproduction of the registers and functions from the products for which production has stopped, they can be replaced without making any changes to the existing software
- ▶ By not implementing unused functions, FPGA space is saved, and parts for which production has not stopped are also included to reduce cost