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# VPC-MkII: VPC-MkII Piggyback Carrier

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## USE PIGGYBACK AS STANDALONE VME MODULE

The [VBT-325](#) is designed to carry one piggyback module. However, some applications may benefit from using more than one piggyback module at a time. Further, some applications may need only the function offered by a piggyback module. For this purpose, VMETRO offers the "VMETRO Piggyback Carrier" - VPC-MkII.

The VPC-MkII is a 6U VME board with its own 68EC020 processor, serial ports and onboard firmware, and is designed to hold one piggyback module, just as the [VBT-325](#). When used together with a VBT-325, both modules can be operated from the same terminal or PC by using the "transparent mode" between the two serial ports of the [VBT-325](#).

## COMBINE PIGGYBACKS FOR THE ULTIMATE TEST CAPABILITIES

The VPC-MkII described above makes it possible to combine piggybacks to form extremely powerful multi-slot solutions. As an example of a 2-slot package, a [VBT-325](#) with a [TIMBAT-PB](#) and a VPC-MkII with a [STIM200-PB](#) will offer all the following features *in parallel*:

- **Bus Master / Stimuli of VMEbus or VSB cycles with user-defined timing.**
- **200MHz VMEbus Timing analysis on 95 bus signals.**
- **VME Anomaly detection.**
- **VME State analysis.**
- **P2 State or Timing analysis.**

### Two piggyback modules may be combined

Combining a [VBT-325](#), a VPC-MkII and two piggyback modules create a two-slot solution with extremely powerful test and debugging capabilities. The two serial ports and "transparent mode" feature of the [VBT-325](#) allow both boards to be operated from only one terminal.

## ORDERING INFORMATION

For ordering information see [Piggyback Ordering Information](#). For VBT-325 ordering see [VBT-325 ordering information](#).

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