VAB™

Interactive Graphical Design Software
for Texas Instruments University Program

4 August 1999

Hyperception, Inc.

VAB™ Background

- ◆ TI understands the importance of the academic world as it relates to DSP

- ◆ TI wanted a vehicle to minimize the learning curve and make it easier to teach/learn DSP

- ◆ TI partnered with Hyperception to provide the VAB for TI's University Program enabling a product with this price/performance ratio

- ◆ Hyperception leveraged over a decade of work related to making DSP development easier in developing VAB

What is the VAB™?

- ◆ VAB represents a new paradigm for designing Real-time applications with programmable DSP's

- ◆ VAB is highly efficient and more abstract - easier for many than traditional programming languages

- ◆ Very low-cost vehicle for introducing new audiences to DSP (less than most engineering books)

- ◆ VAB is an easy-to-use Real-time DSP environment supporting many TI DSP's & DSP Boards
    - **(including low-cost DSK's and EVMs)**

- ◆ VAB is an exciting new way to teach DSP!

Why is it important?

- Encourage more students to take an active interest in learning about DSP's

- Allow DSP to be taught earlier to a younger audience

- Allow more teaching time to be spent on concept, less on tools

- Lower barriers to entry are important to widen future DSP marketplace

VAB™ Summary

- ◆ TI and Hyperception have put much effort into addressing the Academic Community via the VAB

- ◆ VAB represents a new point in terms of efficiency, ease of use, and cost

- ◆ VAB was designed especially for TI's University Program (designed for you!)

- ◆ **Get a FREE copy of VAB during DSP Fest**

  - ◆ Use it - load examples, build your own...

  - ◆ Give us your comments/suggestions on how to improve it