*Technical Article*

# *Summertime Showdown: DSPs vs FPGAs*

Mark Nadeski

Our fifth episode of our DSP Breaktime video series is up. In this episode we discuss FPGAs, particularly how the 66AK2L06 can replace an FPGA in your system and how the DSP blocks inside an FPGA differ from a dedicated DSP Processor.

We also give our great E2E support forum some love, get you prepped for summer by talking about roller coasters and we reveal what the deal is with the gigantic red cups in our videos.

We're always looking for what interests you, so send us your questions or topics in the comments section and we'll address them in future videos. You can also tweet them to us @DSPMark or @EclipseBuzz using the #DSPBreak.

You can also tell us what is your favorite roller coaster or summertime activity as we'd love to know.

In the meantime, check out our DreamDSP page and enjoy the summer!


Copyright © 2023 Texas Instruments Incorporated

# IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATA SHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, regulatory or other requirements.

These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI’s products are provided subject to TI’s Terms of Sale or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI’s provision of these resources does not expand or otherwise alter TI’s applicable warranties or warranty disclaimers for TI products.

TI objects to and rejects any additional or different terms you may have proposed.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
Copyright © 2023, Texas Instruments Incorporated