

It may be small,
but the DLP Pico Projector
packs a powerful image
that brings new meaning
to projector flexibility.



Actual size.



Actual size.



Actual size.



Development Kit

DLP® PICO™ PROJECTOR
WITH DLP® DISCOVERY® 5000



The easy way
to integrate projection
technology into
new applications.



Actual size.

The Development Kit for the DLP® Pico™ Projector: A new way to include projection into your products.

Projection technology is not new, but with the new Development Kit for the DLP Pico Projector, you can integrate projection into devices previously deemed impossible.

The DLP Pico chipset is a miniaturized version of the popular DLP Chip found in today's best projectors on the market. Using microscopic mirrors, the DLP Pico Chip reflects light to project a sharp, clear and colorful image on practically any surface.

Combining the image quality of DLP technology with a miniaturized form factor allows you to integrate high-quality projection into practically any device. The applications are nearly endless.



Featuring an efficient design with ultra-low power consumption, coupled with the robust DLP Pico Chip, you can add projection to a vast array of products.

The Development Kit for the DLP Pico Projector includes:

- DLP Pico projection device
- Power supply cable (operates from 110 V-220 V)
- Video cable with I²C capability

Specifically designed for use with the Beagle Board

Technical specifications:

- Resolution: 0.17-inch HVGA
- Brightness: 7 lumens
- Contrast ratio: 1000:1
- Throw ratio: 1.89
- Processor: MSP430 microcontroller with download port
- Light source: Solid-state 3 LED
- Video input: DVI-D 888RGB, VGA 60 Hz
- Dimensions: 44.8 x 67.4 x 14.2 mm3

Interfaces with Beagle Board to expedite development:

- www.beagleboard.org
- Processor: OMAP35x
- Software: Open-source Linux
- Support: Beagle community

Connects to other DVI-D signal sources as well

Reliability is the key to success.

With nearly 20 million DLP subsystems shipped over the last 10 years, DLP products offer incredible reliability and proven performance. With unmatched switching speed measured in mere microseconds, DLP technology is more than 1,000 times faster than any other imaging technology. This makes it suitable for a wide range of applications from imaging to structured lighting and more.

The robust DLP chipset is the cornerstone for successful new innovations and is paving the way to the next generation of projection implementation.

Applications start with imagination.

If you can dream it, you can probably do it with a Development Kit for the DLP Pico Projector. Mobile projection applications can solve real-world issues.



Business professionals can project impromptu presentations using tiny devices that will enamor their audiences. Doctors or emergency professionals can share critical

information anytime, anywhere. Consumers can share video and images without limitations. Kids will clamor for the latest new toy that incorporates a cool projector.

Perhaps the best application for the DLP Pico Chip is yet unrealized. That's the real value of this innovative development kit. It gives you the power to step outside of the expected to deliver something entirely new.

Take the next step to projection innovation. Contact DLP Products at **1-888-DLP-BYTI** to learn more about how you can get started with the development kit for the DLP Pico Projector, or visit www.dlpdiscovery.com or <https://community.ti.com>.