TI DLP® technology for mobile projectors

The biggest displays in the smallest form factor

Create large, bright displays

Display on any surface

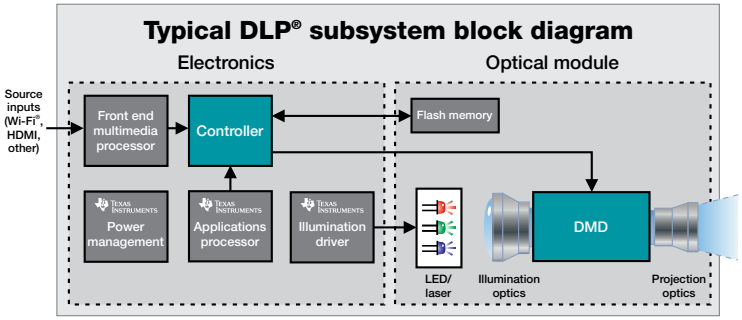
Build ultra-portable devices

Mobile projectors are small, battery-powered products that can display content from a mobile device. They are small enough to fit in a backpack or even a pocket, yet powerful enough to create a 70" or larger display on a variety of surfaces.

Texas Instruments DLP Pico™ technology is a great fit for mobile projectors. Its high optical efficiency, small size and high contrast enable low power, compact and high-performance projection solutions.

Why DLP Pico technology is the leader in mobile projection

1. Optimized for low power consumption
   - High optical efficiency reduces the illumination power needed for a given brightness. DLP Intellibright™ image-processing algorithms are designed to optimize brightness, contrast and power consumption.
2. High resolution in the smallest size chipset
   - Micromirrors as small as 5.4 µm enable resolutions up to 1080p in mobile accessory form factors.
3. High contrast ratio
   - Enables displays with vivid colors and darker blacks.
4. Mature ecosystem for fastest time-to-market
   - Off-the-shelf components from diverse ecosystem enable shorter design cycle times.



Chipset:	DLP2010	DLP230xx	DLP3010	DLP3310
Resolution	854×480	960×540 1280×720 1920×1080	1280×720	1920×1080
Brightness (Lumens)	Up to 150	Up to 250	Up to 300	Up to 500
Controller	DLPC3430/5	DLPC3432/4/6	DLPC3433/8	DLPC3437
PMIC	DLPA200x/ 3000	DLPA200x/ 3000	DLPA200x/ 3000	DLPA300x

Getting started

Learn more about DLP technology

Getting started application note
DLP chipset selection guide
Brightness Requirements and Tradeoffs application note

Develop with easy-to-use Evaluation Modules (EVMs)

DLP® LightCrafter™ Display EVMs

Speed up development using TI reference designs

Mobile Projector reference design
DLP Pico Products reference designs

Reduce time-to-market with third-party vendors

Optical module suppliers
Design services vendors

How to develop a product with DLP technology

Choose chipset based on resolution and brightness → **Identify optical module supplier** → **Integrate optical module and electronics**

DLPT029

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