



TI DLP® Products application overview: **major appliances**

2019

DLP Products projection display opportunity



Small form factor,
big display

On-demand

Free form display

Any surface

DLP Products display differentiation

Small form factor,

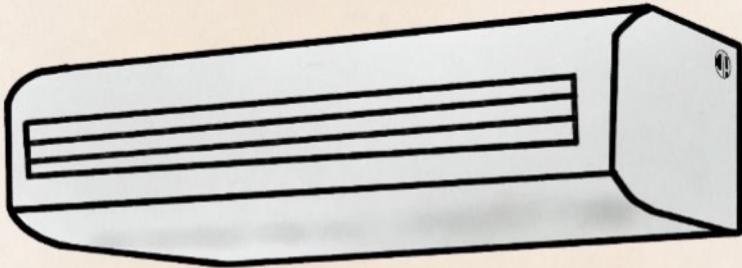


Excellent image quality



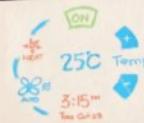
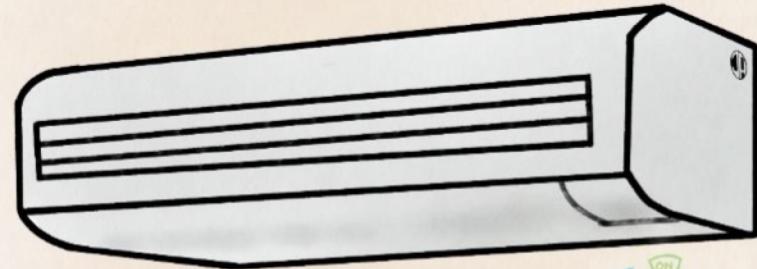
Any surface

Wall-mounted air conditioning



Wall-mounted air conditioning

- ❑ Transparent on-demand attractive control panel
- ❑ DLP2000 (nHD)
- ❑ Front projection
- ❑ Ultra short throw

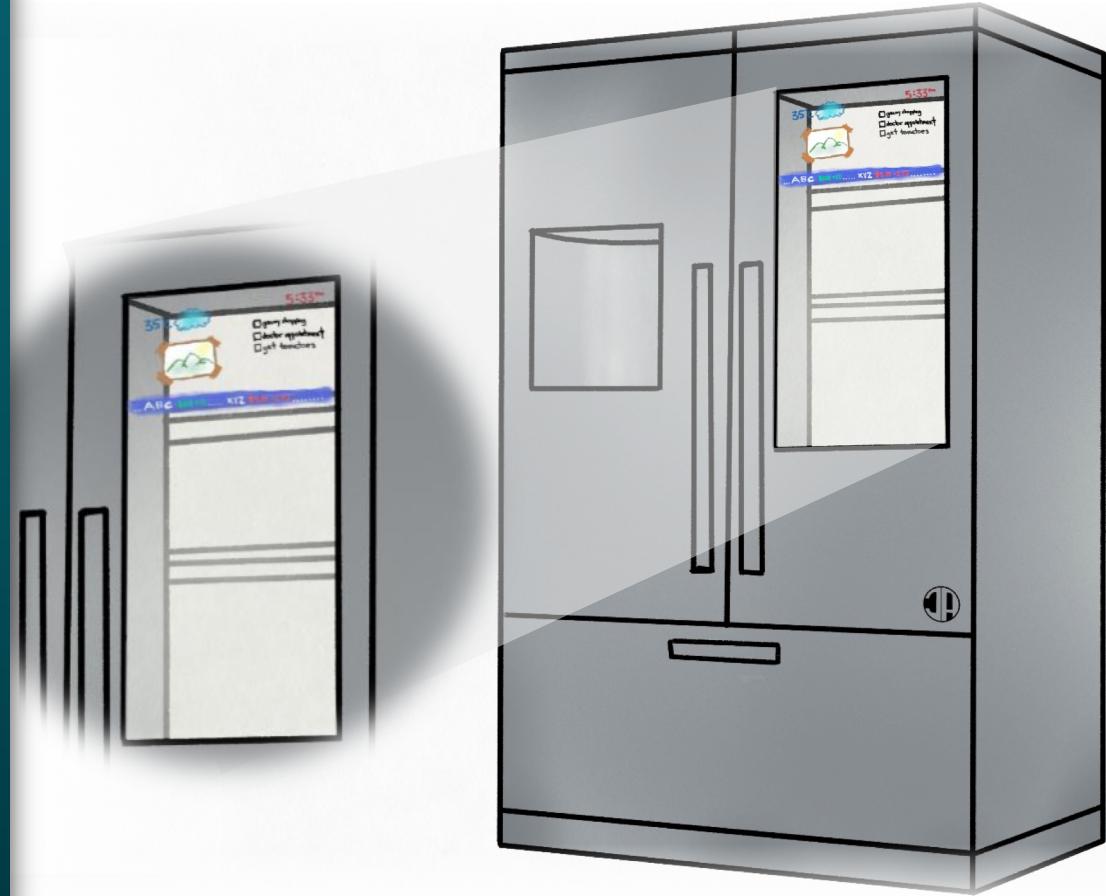


See-through refrigerator

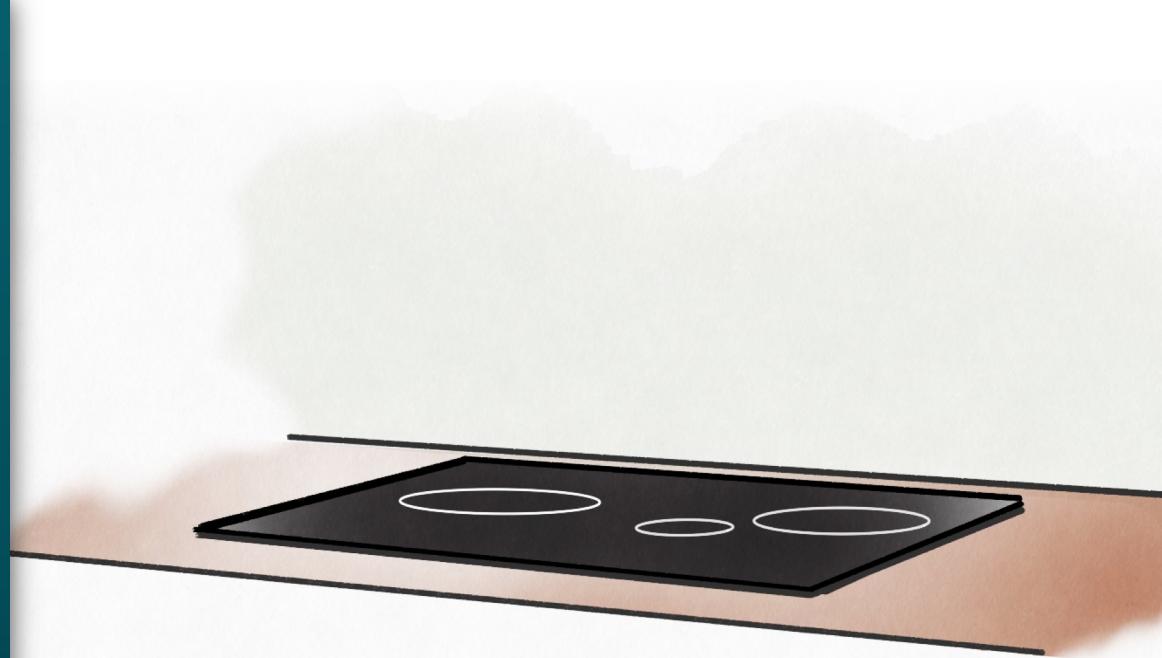


See-through refrigerator

- Transparent attractive display
- DLP3310 (1080p)
- Rear projection
- Short throw
- No electronics on the door

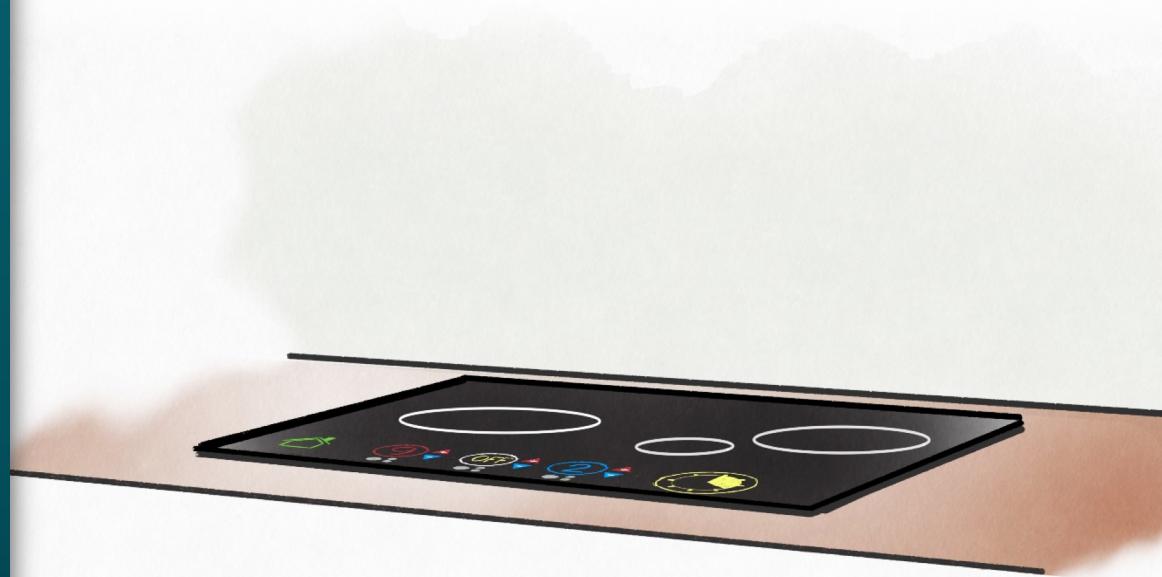


Cooktop



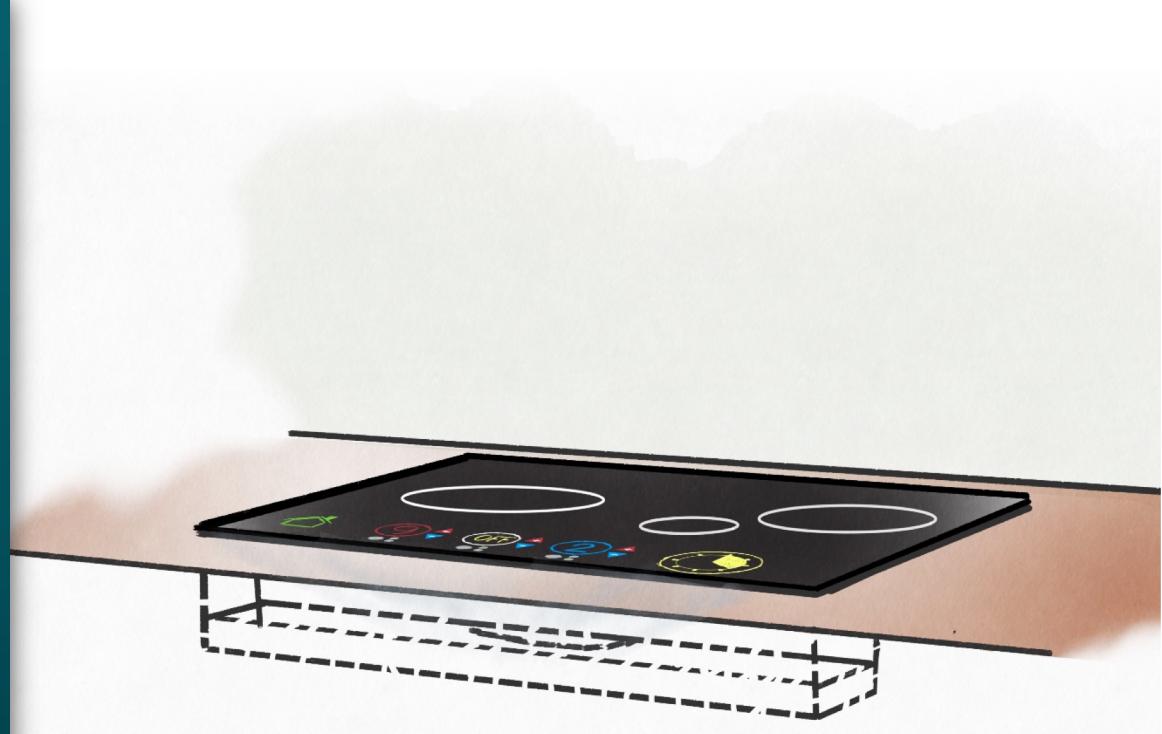
Cooktop

- ❑ Colorful attractive control panel
- ❑ DLP230GP (qHD)

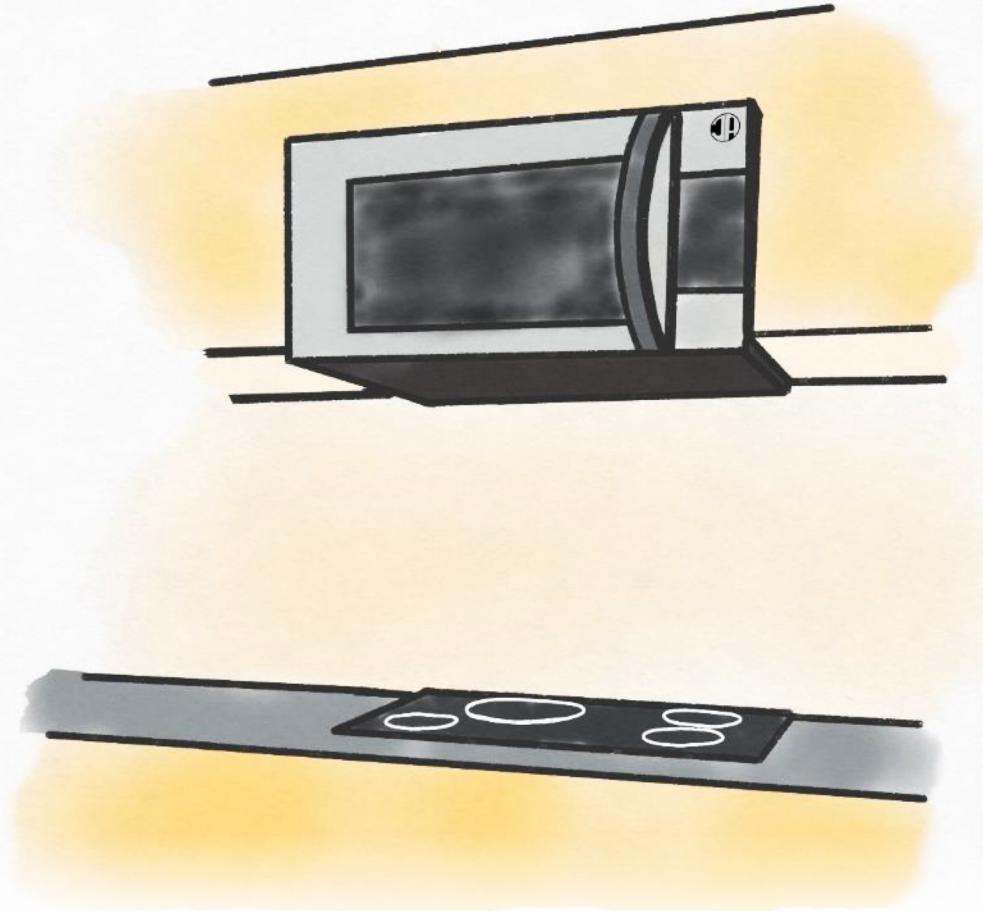


Cooktop

- Colorful attractive control panel
- DLP230GP (qHD)
- Rear projection
- Short throw

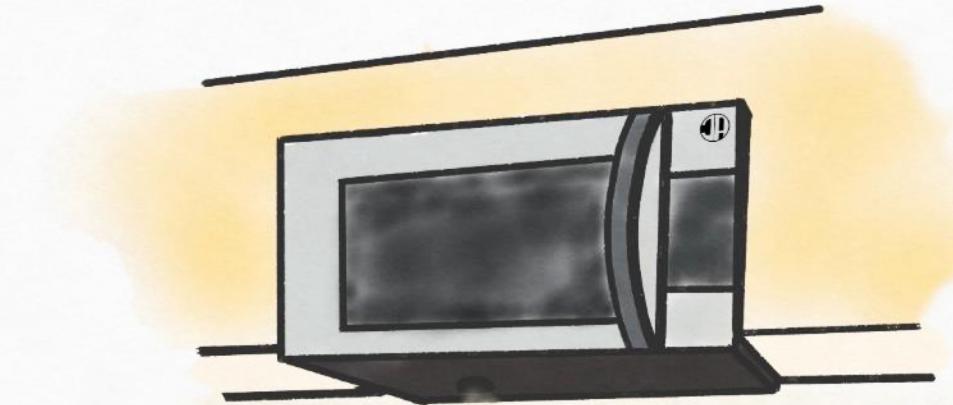


Microwave – cooktop combo

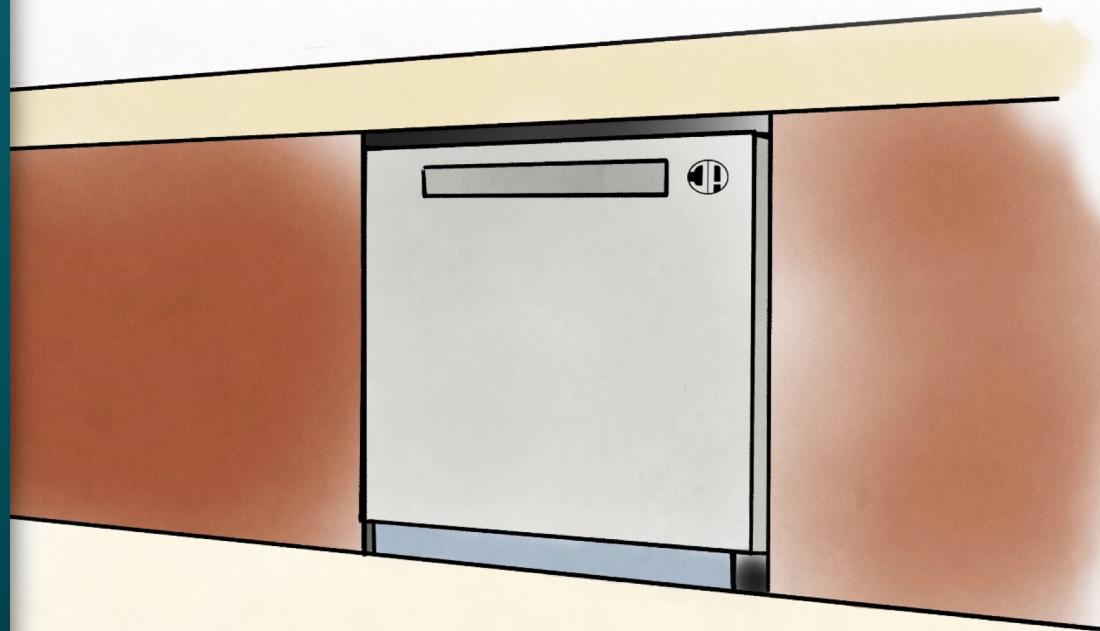


Microwave – cooktop combo

- Display on heated surface
- Interactive panel on and besides cooktop
- DLP4501, WXGA
- DLP4710, 1080p
- DLP470TP, 4K
- Front projection
- Standard throw

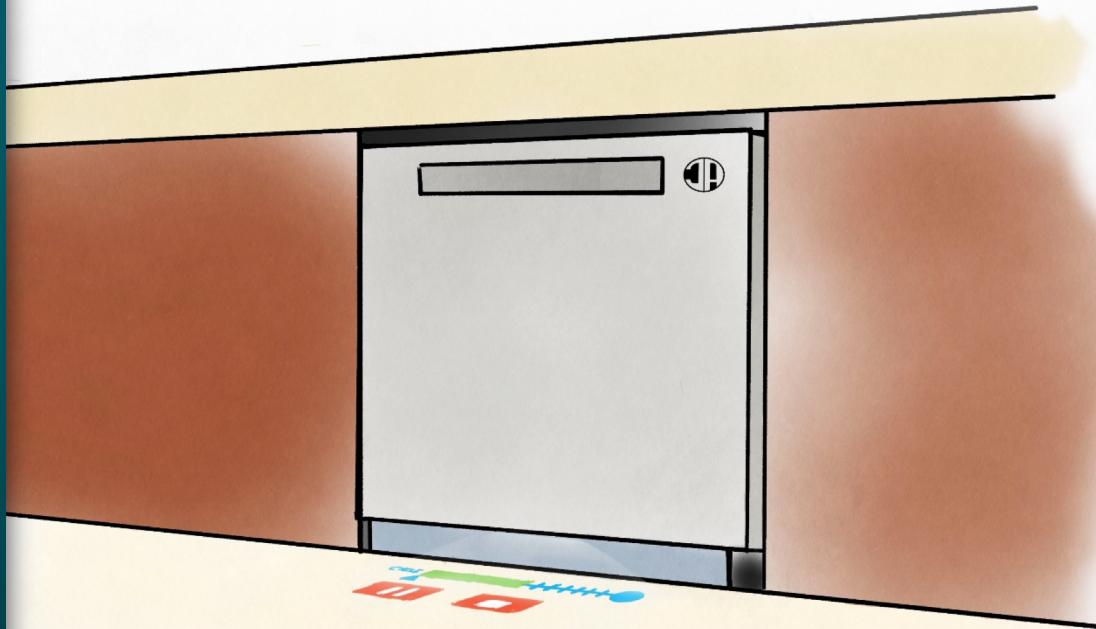


Dishwasher



Dishwasher

- Colorful display on the floor
- DLP2000 (nHD)
- Front projection
- Ultra short throw



Get started today

DLP products

Product Tree

- Advanced light control (30)
 - High speed visible (23)
 - Ultraviolet (UV) (11)
 - Near-infrared (NIR) (6)
- Display & projection (39)
 - Pico chipsets (28)
 - Standard chipsets (11)
 - Automotive chipsets (6)

Getting started with TI DLP® Pico™ display technology

TI DLP® Pico™ product selection

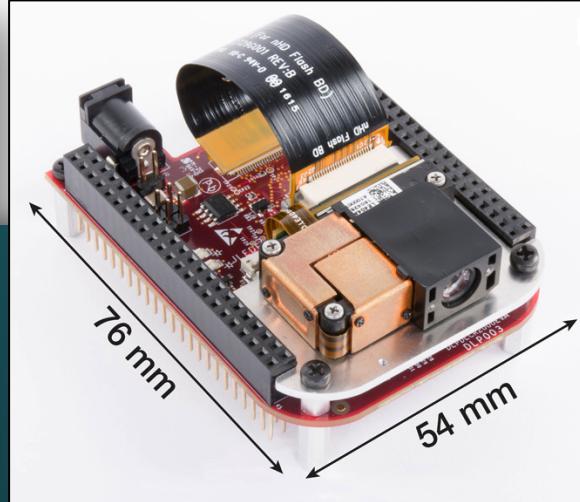
DLP Pico portfolio: display controller

The screenshot shows the TI DLP products page. On the left, there's a sidebar with a 'Product Tree' section. The main area features a heading 'Getting started with TI DLP® Pico™ display technology' with two sections: 'Getting to know DLP Pico technology' and 'Beginning development'. Under 'Beginning development', there are links for 'Start development with evaluation tools, optical modules and technical resources.', 'TI designs reference designs', 'Application notes', 'White papers', 'Example applications', 'Product portfolio', 'Evaluation tools', 'Optical modules', and 'System block diagram'. Below these are links for 'Video: Select your device', 'Product selection guide', 'TRP pixel architecture', and 'TRP pixel architecture'. On the right, there's a large chart titled 'DLP Pico portfolio: display controller' showing the relationship between Brightness (Y-axis, 200m to 1500m) and Resolution (X-axis, from qHD to 4K). The chart highlights specific DLP chipsets like DLP2000, DLP2010, DLP230GP, DLP230KP, DLP4501, DLP4710, DLP470TP, DLP3310, and DLP3437.

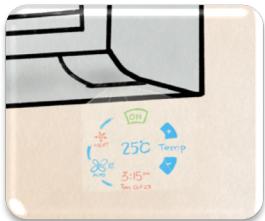
Getting started
ti.com/DLP

Product selection
training.ti.com/picoselection

Evaluation
ti.com/dlp99



Summary



Big appliance display opportunity

- Adaptable, on-demand displays
- Interactivity
- Innovative industrial designs



DLP differentiation

- Superb image quality
- Tiny form factors, large free-form displays
- Strong roadmap



Easy to start

- All the tools you need at TI.com
- Off-the shelf optical engines
- Fast time to market