

EXTEND YOUR REALITY

Material Solutions for Extended Reality (XR) Devices

TECH TRENDS SHAPING THE FUTURE OF XR DEVICES

- Optical, display, and other sensing components require continuous performance upgrades, while minimizing size for better environmental perception and image display capabilities.
- Integration of generative AI functionality needs improved chip performance and better heat dissipation.
- Consumers want miniaturization, lightweighting, and comfortable wearability.

SEE DIFFERENTLY FIVE DIMENSIONS OF DISTINCTION

Device Miniaturization & Design Perfection

- Fewer screws and mechanical design elements
- **Compact design** enabled by liquid adhesives
- **Reworkability & repair**
- **Cosmetic requirements**

Computational Efficiency & Thermal Management

- Better **thermal management & thin bond lines**
- Board-level protection

Skin Friendly & Comfortable

- **Skin-friendly materials**
- **Chemical resistance**
- Fabric bonding
- Bonding lightweight materials

Components Bonding

- Excellent design flexibility
- Compact space
- **Fast cure**
- **Reworkability**

XR Optics

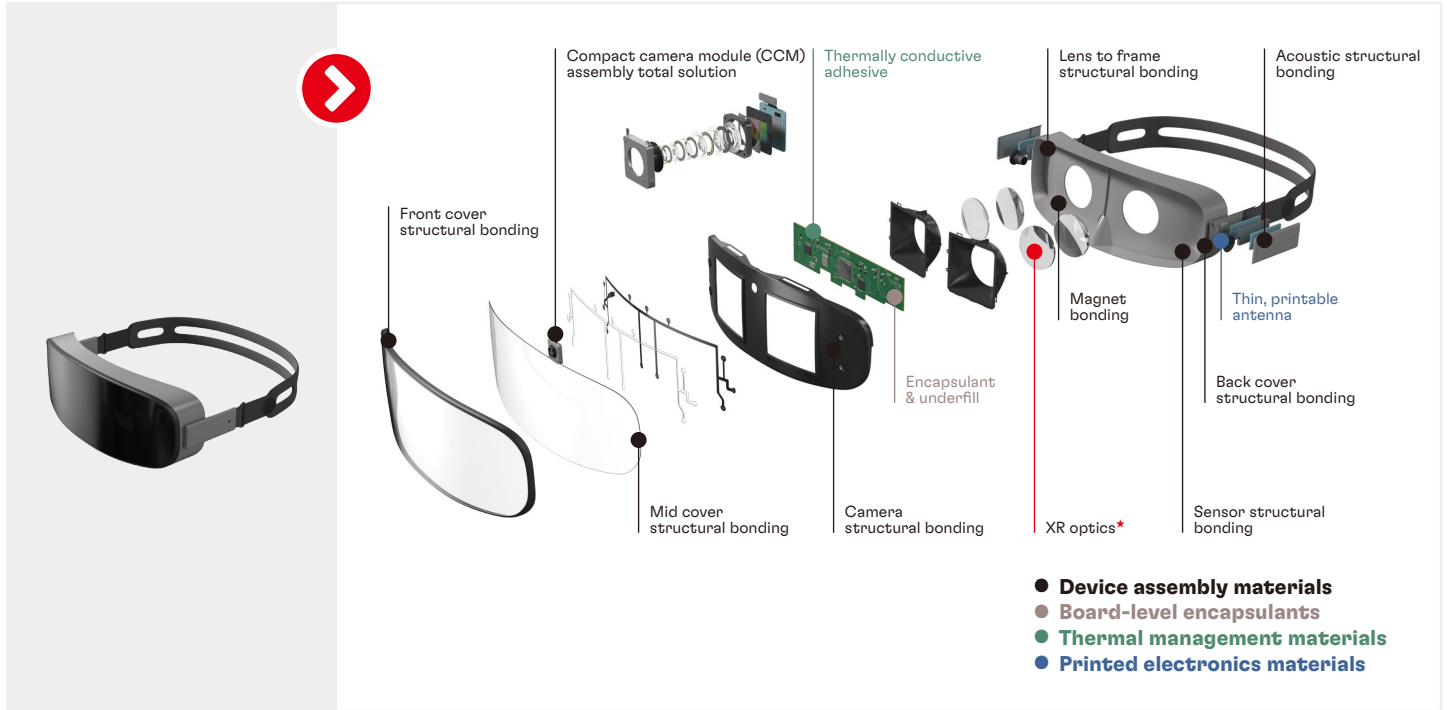
- Performance & cost balance
- **Lightweight**
- **Excellent optical performance**



SEE BEYOND

Henkel's comprehensive and versatile material solutions, engineering know-how, and global applications support help you develop lightweight, power-conserving, high-functioning devices.

ENABLING SOLUTIONS FOR NEXT-GEN XR DEVICES



Enabling Advances in XR Optics*

- Customized product development capability for the future of XR devices.
- Expert scientists and application engineers help accelerate time-to-market.

Contact our team and let us help bring your vision to life!

For more information, visit us at henkel.com/electronics



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