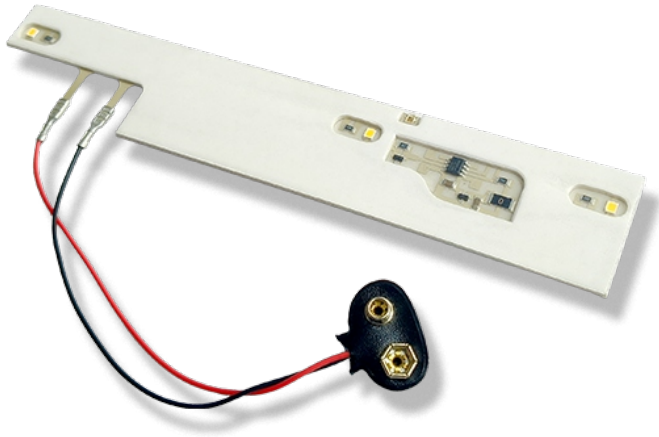


Printed Electronics for Toys and Smart Packaging

Keetronics offers advanced printed electronics solutions designed specifically for toys and smart packaging applications. By integrating conductive inks, flexible circuits and compact electronic components onto thin substrates, we enable intereactive, lightweight and space-efficient electronic features within toys and product packaging.

Printed electronics allow manufacturers to embed touch-sensitive buttons, sound modules, LED lighting effects, motion triggers and simple control circuits directly into toy bodies or cardboard packaging. This technology enhances user engagement while maintaining low production cost and minimal weight.

For toy manufacturers, printed circuits provide a safe and reliable method to create educational and interactive products, including sound boards, light-up elements, simple game interfaces and sensor-based responses. In packaging applications, printed electronics can enable voice prompts, promotional audio playback, illuminated branding, QR-triggered smart features and product demonstration modules.

The flexible and customizable nature of printed electronics allows design freedom across various shapes and sizes. Solutions can be tailored for battery-powered or low-voltage operation, with sealed designs that protect against dust and handling wear.

With expertise in membrane switches, flexible circuits and custom electronic assemblies, Keetronics supports OEMs and brand owners in developing innovative toy electronics and smart packaging systems that enhance product value and customer experience.

Key Features :

- High-quality industrial-grade components
- Built For Demanding Environments
- Comprehensive warranty and support

Technical Specifications

Model Number	PE Toys and Smart Packaging
Category	Functional Printed Electronics