Springlets are the first tactile interfaces to generate a wide range of touch sensations on the skin in a thin and flexible form factor. A Springlet sticker is composed of a shape memory alloy spring, which contracts when power is applied, embedded between a layer of rubber-silicone and kinesiology tape.

Expressive
Springlets generate a wide range of expressive touch gestures on the skin by gently pulling on the skin, or moving small attached objects across its surface. This can produce pinch, stretch, press, pull, drag, and expand sensations.

Wearable
Springlets’ thin and flexible form factor allows them to be worn on challenging body locations, thanks to their silent operation, even near the head.

Customizable
Springlets let you quickly customize and combine different tactile sensations in a single expressive interface. They can be digitally controlled with a simple pulse width modulator, generating spatio-temporal patterns and force profiles.