

Smart plastic with MAGICSTRAP®

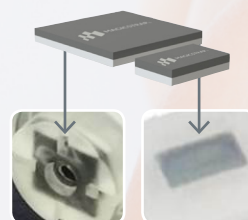
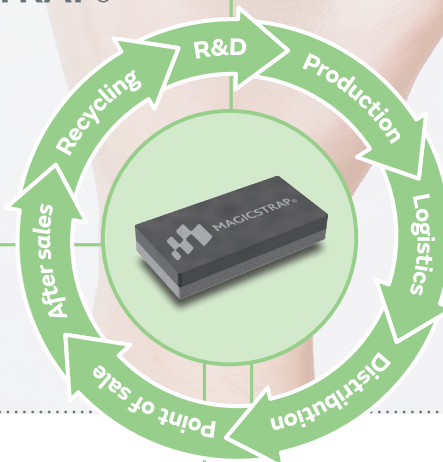
Create smart plastic by embedding
MAGICSTRAP® during the injection
molding process

- Interact with consumers
- Brand protection
- Process control
- Product life cycle management

Smart PCB with
RFID tag function



MAGICSTRAP®



MAGICSTRAP® embedded
during the injection
molding process

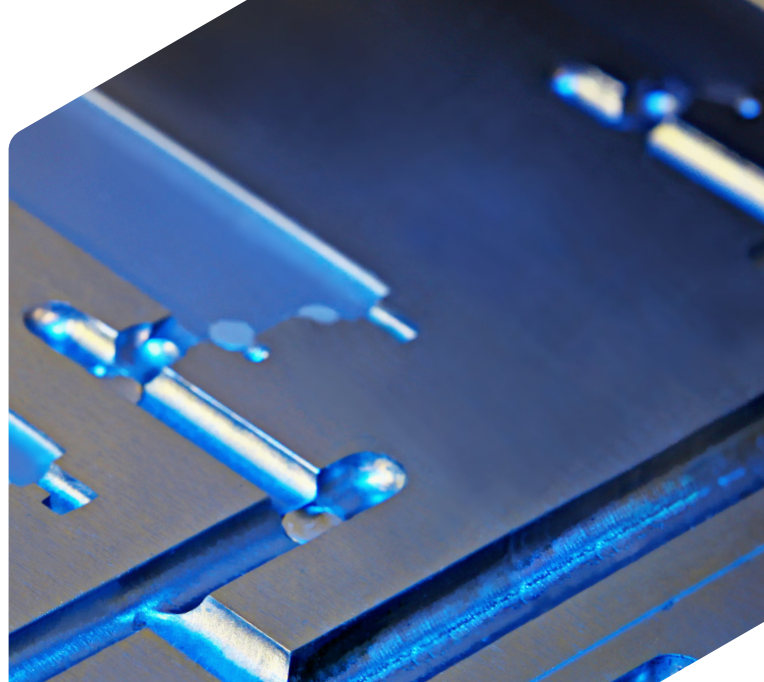




Types for smart plastic

P/N	Size (mm)	Suitable for injection molding	NFC	ISO	Freq Band	User memory	TID	IC inside	Features
LXMS21NCNH-147	2.0 x 1.2 x 0.5	Yes	No	18000-6C	UHF*	512-bit	96-bit	NXP - G2iM	Size, works on metal
LXMS33HCNG-134	3.2 x 3.2 x 0.7	Yes	No	15693	HF	896-bit	(64bit)	NXP - ICODE SLIX	Size
LXTB5HHCNK-002	5.5 x 5.5 x 2.3	Yes	Yes	14443-A	HF	384-bit	(56bit)	NXP - NTAG210	Use with smartphone
LXMS33HCNK-171	3.2 x 3.2 x 0.75	Yes	Yes	14443-A	HF	384-bit	(56bit)	NXP - NTAG210	Size
LXMSAPHA17-176	8.3 x 8.3 x 0.7	No	Yes	14443-A	HF	1152-bit	(56bit)	NXP - NTAG213	Use with Smartphone

* Standard UHF RW with loop antenna needed



MAGICSTRAP® embedded during the injection molding process

