

Smart plastic with MAGICSTRAP®

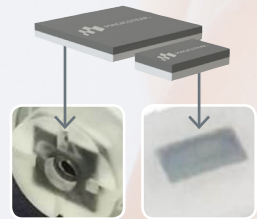
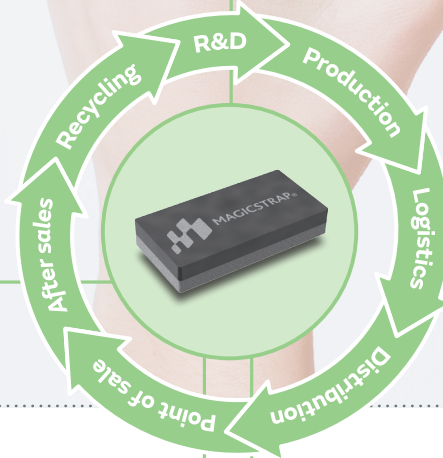
Create smart plastic by embedding
MAGICSTRAP® during the injection
molding process

- 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

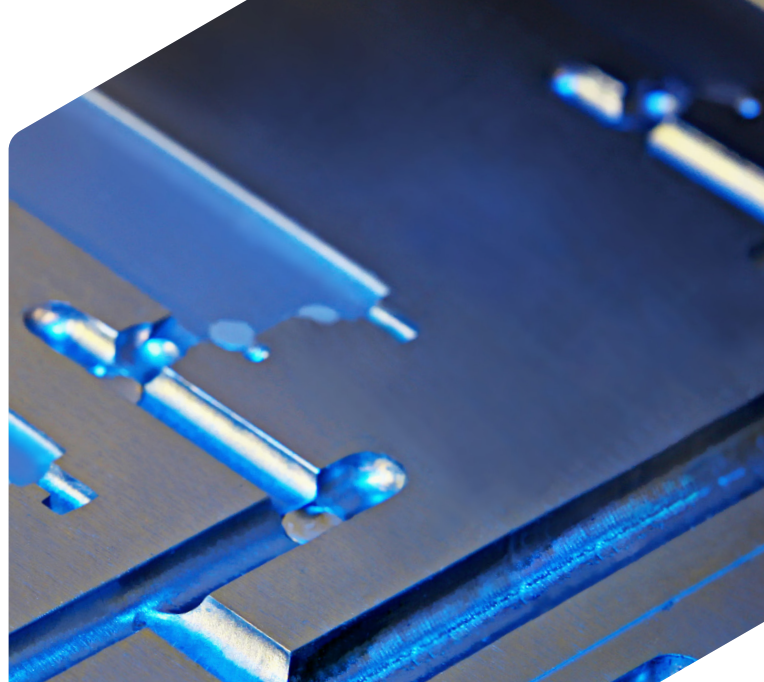




Types for smart plastic

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*	512bit	96-bit	NXP - G2iM	Size, works on metal,
LXMS33HCNG-134	3.2 x 3.2 x 0.75	Yes	No	15693	HF	896bit	(64bit)	NXP - ICODE SLIX	Size
LXMSAPHA08-136	3.2 x 1.6 x 0.55	No	No	14443	HF	896bit	(64bit)	NXP - ICODE SLIX	Range vs. Size
LXMS33HCNK-171	3.2 x 3.2 x 0.75	Yes	Yes	15693	HF	384bit	(56bit)	NXP - NTAG210	Size
LXMSAPHA17-176	8.3 x 8.3 x 0.7	No	Yes	14443	HF	1152bit	(56bit)	NXP - NTAG213	Use with Smartphone

* Standard UHF RW with loop antenna needed



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