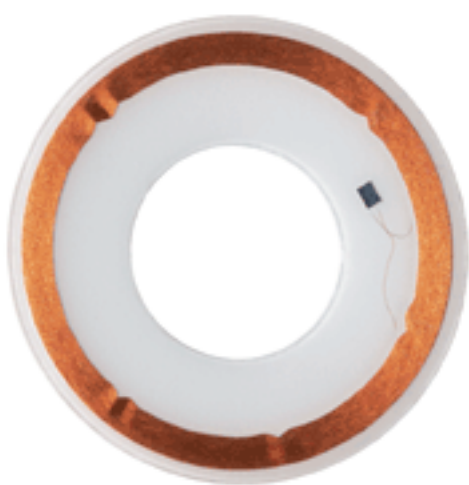


Ear tag inlays



LUX-IDent's products

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A range of applications.

LUX-IDent offers several semi-finished tags for animal identification. One typical example is a transponder for the production of ear tags. Our experience in transponder design and packaging enables us to respond to ear tag manufacturer's needs. Our engineers provide just the right solution, choosing from a range of standard tags enhanced with special features or designing a completely customized RFID tag. Since we are completely independent of chip suppliers, we can select the proper integrated circuit for each application according to performance, features and cost efficiency. With our expertise in low frequency technology, we can provide a set of technical features for almost every requirement.

Features

- Different diameters
- Different forms: e-unit, PET or PVC tag
- Central hole possible
- Suitable for moulding or ultrasonic encapsulation

Available chip technologies

| Manufacturer frequency | Chip type |
|---------------------------|--|
| EM Microelectronic | |
| LF 125 kHz / 134.2 kHz | EM4305 |
| NXP | |
| LF 125 kHz / 134.2 kHz | Hitag 2, Hitag S 256bit, Hitag S 2048bit |
| Atmel | |
| LF 125 kHz / 134.2 kHz | ATA5575M2, ATA5577 |

Other ICs are available upon request.

