



## RFID TRANSPONDERS

# HF Prelams

Intelligent customized solutions  
for contactless cards & e-documents



### Overview

Sokymat prelams are the heart of any kind of High Frequency (HF) ISO card or security product that requires semi finished RFID transponders inside.

Sokymat's advanced technology for developing and manufacturing prelams allows the embedding of nearly any kind of available High Frequency Integrated Circuit or module, and guarantees optimum mechanical and electrical performance.

Due to Sokymat's proprietary flexible technology (wire transfer), customers can choose from a comprehensive sheet matrix solution starting at 2 x 5 up to 4 x 10 and a variety of different carrier materials such as, PVC, Soft PVC, Polycarbonate, PET-G, adhesive tape and our own very durable ceFlex used for passport prelams and inlays.

### Applications

- Market segments
  - National ID documents
  - ID cards
  - Passports
  - Visas
- Mass public transit
  - Paper tickets
  - Ticket cards
  - Ski tickets
- Access control cards
- Vending machines
- Debit cards

**sokymot**

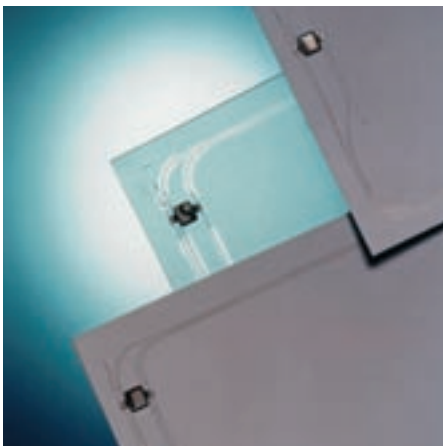
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# HF Prelams

Intelligent customized solutions

Based on drawings and technical inputs related to Integrated Circuits, carrier material, frequency, etc., Sokymat's team of engineers, with more than 10 years of experience in this domain can design a prelam that fits well into your application.

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<b>Integrated Circuit possibilities</b>	
LEGIC family	INFINEON – SLE 66CLX64 - 64kBytes
Mifare 1k, 4k, DESFire	PHILIPS – SmartMX P5CT072 - 72KBytes
Picotag family	ST Microelectronics – ST19WR66 - 66Kbytes
My – D family vicinity / proximity	Other ICs available upon request
I-Code / I-Code SLI	
Tag-It HF1 ISO 15693	
ST Microelectronics family	
ISO 14443 A - B; ISO 15693; ISO 18000-3 ICs available	
Other ICs available upon request	
<b>Module possibilities</b>	
MOA, MOB, MCC, FCP, Sokymat custom modules (CEP)...	
<b>Matrix possibilities</b>	
2X5, 3X5, 3X6, 3X7, 3X8, 3X9, 3X10, 4X4, 4X10, 6x6,...	Special configuration
<b>Material possibilities</b>	
PVC, Soft PVC, PET-G, PET, Polycarbonate, PE, adhesive tape; paper; other plastics (e.g. like ceFlex-P1 for passport inlays)	
<b>Thickness possibilities (depending on chip module)</b>	
400um...470um... 500um, other possibilities available upon request	



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