

# RFID TAGS

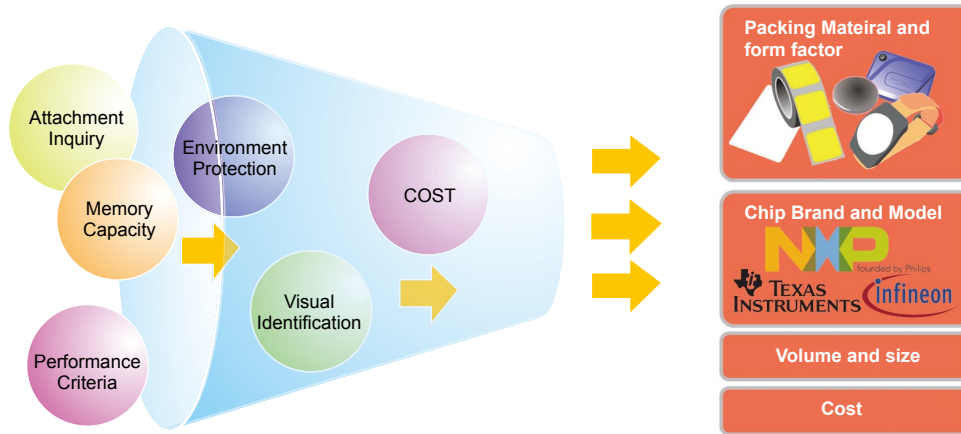
## • Introduction

• RFID tag is one of the key elements in RFID system as it carries information which enables user to identify target objects and obtain or update the information as well. As RFID technology is widely implement in sorts of fields today, the inquiry of tags may vary from one another. The distinction comes from different RFID chips, frequency, packing material, size, form factor and cost. IEI provides a variety of RFID tags and helps you to opt one which best fits in your needs.

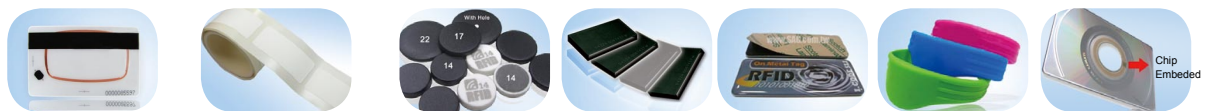
## • How to choose your Tag?

It's very important to adopt a proper tag when composing your RFID system because it affects not only the efficiency and performance of operation but the total owner cost including your maintenance effort. Before start it all, you must have a total review of your needs and consider the following factors:

Attachment Inquiry	Object material or content (metal/liquid interference), allowed attaching area
Memory Capacity	Depends on how much information should be stored on the tag
Performance Criterion	Requirement about reading distance and data transfer rate
Environment Protection	Any criterion regarding to the environment protection such as temperature, water, dust, scrape resistance
Visual identification	If there any visual identification should be printed on the tag
Cost	Including tag cost and maintenance cost, and the convenience of recycle should be considered as part of cost if needed



## • IEI 13.56MHz (ISO-15693) RFID Tags



Form Factor	Proximity Card	Label	Laundry Tag/Token	Mount-on-metal	on-metal	Wristband	Smart Disc
Application	<ul style="list-style-type: none"> <li>● Access control</li> <li>● Campus ID</li> <li>● e-Payment</li> <li>● Production run card</li> </ul>	<ul style="list-style-type: none"> <li>● Asset Management</li> <li>● Library</li> <li>● Counterfeig</li> </ul>	<ul style="list-style-type: none"> <li>● Laundry</li> <li>● Garment</li> <li>● Transportation</li> <li>● Counterfeig</li> </ul>	<ul style="list-style-type: none"> <li>● Field service</li> <li>● Factory automation</li> <li>● Asset Management</li> </ul>		<ul style="list-style-type: none"> <li>● Patient identify</li> <li>● Loyalty Program</li> <li>● Entertainment</li> <li>● Access Control</li> </ul>	<ul style="list-style-type: none"> <li>● IP Protection</li> <li>● CD/DVD management</li> <li>● DVD rental</li> </ul>
Dimension	85.6x 54x 0.76mm	Square : 20 x 50/50 x 50mm Round : 22/25/30/40mm dia	14/17/22mm diameter	65 x 35.6 x 6.5mm	65 x W 25 x T 3 mm	78 x 15 x 2.5mm	80/120mm dia
Material	PVC	PP/PET	PPS/Nylon+GF/PRT	PC	Epoxy+PVC	Silicone+PPS	PC
Environment Proof ↓ : Temperature ● : Water * : Dust	●**	⌚ (Optional)	⌚●**	⌚●**		●**	
Available IC	NXP (I-CODE SLI/SLI-S), T1 (Tag-it HF Standard/Pro/Plus, Infineon (my-d SRF 55V02S/55V10S)						
MOQ	100 pcs/box	500 pcs/roll	200 pcs	100 pcs/box		500 pcs/box	2000 pcs/box

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