

Swatch Group's semiconductor company EM microelectronics releases World's First RFID Chip EM4423 with UHF EPC Gen2V2 RF and NFC Type 2 Interface. EM4423 fully supports EPC features, it is ideal for retail logistics and inventory control of manufacturers / brands, and also can achieve marketing communication and advertising between the consumers, achieve product-level control to merchandise.

The chip has a common rewritable memory area that supports UID and privacy protection. The EM4423 also simplifies EPC storage control programs to reduce the investment of small retailers in professional RFID devices and software. These similar features can be manipulated by using a mobile device, such as a smartphone and tablet with an app.

As a single-chip NFC / EPC solution with storage, the EM4423 has the following unique and valuable performance:

World's First Dual Frequency EPC&NFC Tag IC  
 one step EPC and NFC inlay manufacturing  
 shared memory  
 common UID

EPC for Production and logistics  
 First Gen2v2 IC  
 Data privacy  
 128-bit or 224-bit UID/EPC versions  
 Fast encoding  
 Bulk reading of NFC tap counter

NFC for 1:1 Retailing and after market  
 Product interaction  
 Product authenticity  
 NFC tap counter  
 1920-bit user memory

**Specification:**

Item:	ISO18000-6C GEN2 & ISO/ICE14443A <a href="#">Dual Frequency EM4423 RFID tag</a>
Material:	PVC/PET/Paper
Size:	25mm diameter, 35*35mm, 50*50mm, 27*42mm, 85*54mm and as requested
Chip:	EM4423
Craft:	serial number printing, barcode printing, logo printing, laser number printing, data encode etc.
Package:	100 pieces/Bag, 10 Bags/Box, 20 Boxes/Carton
Lead time:	5-7 days base on quantity
Shipping way:	by express(DHL,FEDEX), by air, by sea
Price term:	by EXW(shenzhen),FOB(shenzhen),CIF,CNF etc.

Pay term:	by TT, L/C, Western Union, MoneyGram, etc
Minimum Order Quantity:	1000 pieces
Sample requested:	Free sample for testing and shipping cost collection by customer