

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 UII/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 Dual Frequency EM4423 RFID tag
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