
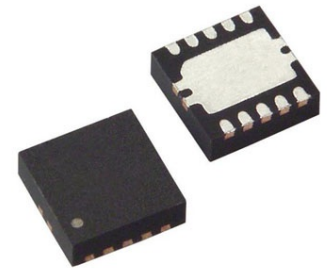


## NFC/RFID Read/Write 13.553MHz to 13.567MHz 36-Pin QFN EP Tray

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	VQFN6x6
<b>Product Type:</b>	RF Integrated Circuits
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	NRND



Images are for reference only

[Inquiry](#)

### General Description

Smart, high performance ISO/IEC 14443 Type B RF Reader IC that communicates with RFID transponders or contactless smartcards. The device exchanges data half duplex at a 106-Kbit per second. A 2-byte CRC\_B provides communication error detection capability. The reader is compatible with 3.3-V and 5-V host microcontrollers with two-wire or SPI serial interfaces. To communicate with an RFID transponder, the host microcontroller sends a data packet for transmission over the RF communications channel. The device then receives the response data packet from the transponder. The reader performs all RF communication packet formatting, decoding, and communication error checking, leaving the host microcontroller unburdened.

### Recommended For You

#### AT86RF233-ZUR

Microchip Technology, Inc  
QFN32

#### ATmega128RFA1-ZU

Microchip Technology, Inc  
QFN64

#### AT86RF215-ZUR

Microchip Technology, Inc  
QFN48

#### AT86RF231-ZU

Microchip Technology, Inc  
QFN32

#### AT86RF233-ZU

Microchip Technology, Inc  
QFN32

#### ATWILC1000B-UU-T

Microchip Technology, Inc  
55LWLCSP3.25x3.25

#### ATB1LC1000A-MU-T

Microchip Technology, Inc  
QFN32

#### ATWINC1500B-MU-T

Microchip Technology, Inc  
QFN40

#### AT86RF215-ZU

Microchip Technology, Inc  
QFN48

**AT86RF212B-ZU**

Microchip Technology, Inc

QFN32

**ATSAMR34J18BT-I/7JX**

Microchip Technology, Inc

TFBGA

**ATWILC1000B-MU-Y**

Microchip Technology, Inc

QFN

**ATSAMR35J18BT-I/7JX**

Microchip Technology, Inc

TFBGA-64

**ATWILC1000B-MU-T**

Microchip Technology, Inc

QFN

**ATSAMR21G17A-MU**

Microchip Technology, Inc

QFN48