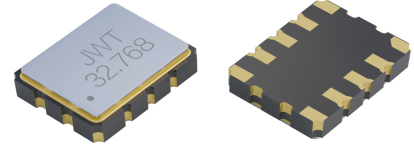




3.2x2.5mm RTC

RFC Series



Product Features

1. Excellent heat resistance and environmental characteristics
2. High precision and stability
3. Low power consumption
4. Conforms to AEC-Q200

Applications

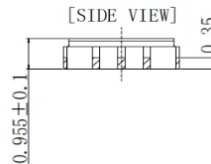
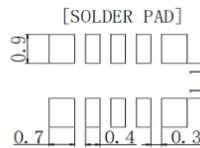
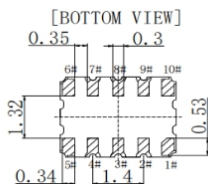
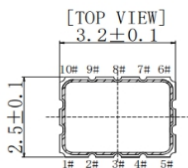
1. BMS
2. Meter
3. Communication device
4. Portable terminal

Specifications

Model	RFC3225		
	Temp. compensation		Non temp. compensation
Nominal frequency range	32.768KHz		32.768KHz
Oscillation mode	Fundamental (AT-cut)		Fundamental (AT-cut)
Supply voltage (VDD)	1.6V~5.5V		1.2V~5.5V
Backup Battery voltage	1.6V~5.5V		1.2V~5.5V
Frequency tolerance at 25°C±3°C	±10ppm		5±23ppm
Operating temperature range	-40°C~85°C	-40°C~105°C	-40°C~85°C
Frequency stability over temperature(Ref.to 25°C)	±5ppm	±20ppm	-120~+10ppm at -20°C~+70°C
Storage temperature range	-55°C~125°C		-55°C~125°C
Duty cycle	40~60%		40~60%
Current consumption	1.5uA Type		1.5uA Type
Start-up time	1.0us Max		1.0us Max
Load capacitance	Customized		Customized
Aging at first year	±3.0ppm		±3.0ppm

Notes: The above parameters are for normal demands, If you have any different demands, Please contact us.

Dimensions (Unit: mm)



Pin	Function
#1	FOE
#2	VDD
#3	EVIN
#4	FOUT
#5	SCL
#6	SOUT
#7	SDA
#8	T2
#9	GND
#10	/INT