

This product is NOT recommended for new designs.



Pb Free

RoHS Compliant

Specifications

Type	Output Frequency Range (MHz)	Supply Voltage (Vcc)	Frequency Tolerance (ppm)	Current Consumption (mA)	Output Load (pF)
KC2520A-C1	1.5 to 50	1.8±5%, 10%	± 25	max. 5	15
KC2520A-C2	1.5 to 50	2.5±5%, 10%	± 30	max. 6	
KC2520A-C3	1.5 to 50	3.3±5%, 10%	± 50	max. 8	
KC2520B-C2	1.5 to 54	2.25 to 3.63	±100	max. 5	

Note: Please contact us for inquiry about operating temperature range, available frequencies and other conditions.

KC2520A-C1 Series

Features

- Miniature ceramic package
- Highly reliable with seam welding
- CMOS output
- Supply voltage Vcc=1.8V
Lower voltage available

Table 1

Freq. Tol. Code	Tol. × 10 ⁻⁶	Operating Temperature Range (°C)	Note
0	± 50	-10 to +70	Standard specifications
S	± 30		With only certain frequencies
U	± 25	-40 to +85	With only certain frequencies
F	±100		
G	± 50		

How to Order

KC2520A 25.0000 C 1 0 E 00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (2.5×2.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (1.8V)
- ⑤ Frequency Tolerance (See Table 1)
- ⑥ Symmetry/ Enable Function (45/ 55%, Stand-by)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 2000 pcs./ reel)

KC2520A-C2 Series

Features

- Miniature ceramic package
- Highly reliable with seam welding
- CMOS output
- Supply voltage Vcc=2.5V
Lower voltage available

Table 1

Freq. Tol. Code	Tol. × 10 ⁻⁶	Operating Temperature Range (°C)	Note
0	± 50	-10 to +70	Standard specifications
S	± 30		With only certain frequencies
U	± 25	-40 to +85	With only certain frequencies
F	±100		
G	± 50		

How to Order

KC2520A 25.0000 C 2 0 E 00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (2.5×2.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (2.5V)
- ⑤ Frequency Tolerance (See Table 1)
- ⑥ Symmetry/ Enable Function (45/ 55%, Stand-by)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 2000 pcs./ reel)

KC2520A-C3 Series

Features

- Miniature ceramic package
- Highly reliable with seam welding
- CMOS output
- Supply voltage Vcc=3.3V

Table 1

Freq. Tol. Code	Tol. × 10 ⁻⁶	Operating Temperature Range (°C)	Note
0	± 50	-10 to +70	Standard specifications
S	± 30		With only certain frequencies
U	± 25	-40 to +85	With only certain frequencies
F	±100		
G	± 50		

How to Order

KC2520A 25.0000 C 3 0 E 00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (2.5×2.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (3.3V)
- ⑤ Frequency Tolerance (See Table 1)
- ⑥ Symmetry/ Enable Function (45/ 55%, Stand-by)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 2000 pcs./ reel)

KC2520B-C2 Series

Features

- Miniature ceramic package
2.5 (L) ×2.0 (W) ×0.7 (H) mm (Typ.)
- Highly reliable with seam welding
- CMOS output
- Supply voltage Vcc=2.5V/ 3.3V
Compatible
Low Power Supply Consumption
- Wide Operating Voltage Range
2.25 to 3.63V

Table 1

Freq. Tol. Code	Tol. × 10 ⁻⁶	Operating Temperature Range (°C)	Note
0	± 50	-10 to +70	Standard specifications
S	± 30		With only certain frequencies
U	± 25	-40 to +85	With only certain frequencies
F	±100		
G	± 50		

How to Order

KC2520B 25.0000 C 2 0 E 00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type (2.5×2.0mm SMD)
- ② Output Frequency
- ③ Output Type (CMOS)
- ④ Supply Voltage (2.5V, 3.3V Compatible)
- ⑤ Frequency Tolerance (See Table 1)
- ⑥ Symmetry/ Enable Function (45/ 55%, Stand-by)
- ⑦ Customer Special Model Suffix (STD Specification is "00")

Packaging (Tape & Reel 2000 pcs./ reel)