

Product Configuration System



MHz Range Crystals Units

FA-128

Crystal Package Type:
Ultra Miniature Low Profile
Ceramic SMD
2.0 X 1.6 X 0.5 mm

16.0000M

Frequency
24.000 ~ 52.000 MHz

F

Freq. Tolerance@25C
F: +/-10ppm
16 MHz<= F <= 40MHz
E: +/-15ppm
40MHz<F=<54MHz
D: +/-30ppm
All Freq. Range

12V

-

AC

Load Capacitance:
AC: 9pF
AS: 8.5pF
B: 16pF
G: 20pF
W: 12pF

0

Tape & Reel Qty
Blank: Bulk
3: 250pcs/reel
0: 1000pcs/reel
5: 3000pcs/reel

Freq. Temp Char Op Temp Range	All Freq Range	16MHz<=F=<20MHz	20MHz<F=<48MHz
-20C to +75C	+/-20ppm = 20Z	+/-12ppm = 12Z	+/-10ppm = 10Z
-20C to +80C	+/-20ppm = 20K	+/-12ppm = 12K	+/-10ppm = 10K
-20C to +85C	+/-20ppm = 20P	+/-12ppm = 12P	+/-12ppm = 12P
-30C to +70C	+/-28ppm = 28R	+/-17ppm = 17R	+/-14ppm = 14R
-30C to +75C	+/-28ppm = 28E	+/-17ppm = 17E	+/-14ppm = 14E
-30C to +80C	+/-30ppm = 30W	+/-17ppm = 17W	+/-14ppm = 14W
-30C to +85C	+/-30ppm = 30Y	+/-17ppm = 17Y	+/-14ppm = 14Y
-30C to +85C	+/-50ppm = 50Y	+/-17ppm = 17Y	+/-14ppm = 14Y
-40C to +85C	+/-40ppm = 40X	+/-22ppm = 22X	+/-20ppm = 20X

NOTE: 81Z = +8/-10ppm / -20C to +75C

NOTE: Please contact your EEA representative for other available frequencies or specifications.

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Standard Frequencies

FA-128 MHz Range Crystals

Frequency [Mhz]	Freq. Tolerance@25C Code	Freq. vs. Temp. Char. Code	Load Capacitance [pF]
24	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C K 10
24	D	+/- 30ppm	30Z +/- 30ppm / -20C to +75C K 10
24	D	+/- 30ppm	30X +/- 30ppm / -40C to +85C K 10
24.576	D	+/- 30ppm	30Z +/- 30ppm / -20C to +75C K 10
25	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C K 10
25	D	+/- 30ppm	30Z +/- 30ppm / -20C to +75C K 10
25	D	+/- 30ppm	30X +/- 30ppm / -40C to +85C K 10
26	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C AC 9
26	F	+/- 10ppm	12Y +/- 12ppm / -30C to +85C AJ 8
27	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C AC 9
27	D	+/- 30ppm	30Z +/- 30ppm / -20C to +75C AC 9
27	F	+/- 10ppm	18X +/- 18ppm / -40C to +85C AJ 8
27.12	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C K 10
27.12	D	+/- 30ppm	30Y +/- 30ppm / -30C to +85C K 10
27.12	D	+/- 30ppm	30Z +/- 30ppm / -20C to +75C K 10
30	F	+/- 10ppm	20Z +/- 20ppm / -20C to +75C AC 9
30	F	+/- 10ppm	20X +/- 20ppm / -40C to +85C AC 9
30	D	+/- 30ppm	30Z +/- 30ppm / -20C to +75C E 6
32	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C W 12
32	F	+/- 10ppm	20X +/- 20ppm / -40C to +85C K 10
33.6	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C AC 9
37.4	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C C 18
38.4	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C K 10
40	F	+/- 10ppm	10Z +/- 10ppm / -20C to +75C AJ 8
40	F	+/- 10ppm	20X +/- 20ppm / -40C to +85C K 10
48	D	+/- 30ppm	20X +/- 20ppm / -40C to +85C B 16