



**THE DATASHEET OF
CM309A64.000MABJT**





*Part
Numbering
System*

Quartz Crystal Units

Exsample Part Number:

CM309S 20.000000M A B A TR

Product Family

For example:

CFS308
CFS206
CFS145
CFV308
CFV206
CSA310
CSA309
HC49US
HCM49
CM100S
CM200S
CM201
CM202
CM250S
CM309S
CM309A
CM309B
CS20
CS10
CMR200TA/B
CMR250TA/B
CMR309T
CMR310T
CM155
CM130
CSD35B

Frequency

Numerical value,
maximum
characters as
follows:

XX.XXXXXX
followed by "M" for MHz
or "K" for KHz.

Packaging method

TR Tape & Reel (Minimum size depends on
product family - see catalog)
B Bulk (Bags for through-hole,
tubes or tape for SMT)

Load Capacitance

A Series	I 16.0 pf	Q 10.0 pf
B 6.0 pf	J 18.0 pf	R 50.0 pf
C 9.0 pf	K 20.0 pf	S 11.0 pf
D 9.5 pf	L 22.0 pf	T 14.0 pf
E 12.0 pf	M 25.0 pf	U 17.0 pf
F 12.5 pf	N 30.0 pf	V 8.0 pf
G 13.0 pf	O 32.0 pf	
H 15.0 pf	P 33.0 pf	
...others to be assigned		

Frequency Tolerance (at Operating Temp.)

Frequency in MHz	
A +/-30ppm (-10 to +60C) •	M +/-60ppm (-40 to +85C) •
B +/-50ppm (-10 to +60C) • (Standard)	N +/-80ppm (-40 to +85C) •
C +/-100ppm (-10 to +60C) •	O +/-30ppm (-20 to +70C) •
D +/-20ppm (-10 to +60C) •	P +/-40ppm (-20 to +70C) •
E +/-10ppm (-10 to +60C) •	Q +/-50ppm (-20 to +70C) •
F +/-30ppm (-40 to +85C) •	R +/-60ppm (-20 to +70C) •
G +/-50ppm (-40 to +85C) •	S +/-70ppm (-20 to +70C) •
H +/-100ppm (-40 to +85C) •	T +/-80ppm (-20 to +70C) •
I +/-20ppm (-40 to +85C) •	U +/-80ppm (-40 to +100C) •
J +/-10ppm (-40 to +85C) •	V +/-100ppm (-40 to +100C) •
K +/-150ppm (-40 to +85C) •	W +/-150ppm (-40 to +100C) •
L +/-200ppm (-40 to +85C) •	X +/-200ppm (-40 to +100C) •

Frequency in KHz
Z Standard Specs (Standard)
• other than standard, consult factory.

Frequency Tolerance (at 25C)

Frequency in MHz	
A +/-30ppm (Standard) MHz	E +/-10ppm •
B +/-50ppm (Standard) MHz	F +/-15ppm •
C +/-100ppm •	G +/-25ppm •
D +/-20ppm (Standard) 32.768 KHz	
• other than standard, consult factory.	

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View CM309A64.000MABJT on WIN SOURCE](#)
-  [Citizen Finedevice Co Ltd Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management