

Calchip's RN Precision and Ultra-precision Resistor series offers and industry leading 4-5 week standard lead-time on all values and case sizes. This is significantly less than many of the below competitors who run at a standard leadtime of 10-12 weeks.

HOW TO ORDER:

RN	06	B	1001	CT5		25	LF
Product Type	Dimensions	Resistance Tolerance	Resistance	Packaging Code*	Power Rating	TCR (PPM/°C)	Optional "LF" Designator
	02: 0201 04: 0402 06: 0603 10: 0805 12: 1206 14: 1210 20: 2010 25: 2512	T: ±0.01% Q: ±0.02% A: ±0.05% B: ±0.1% C: ±0.25% D: ±0.5% F: ±1%	1R00: 1Ω 4R70: 4.7Ω 1001: 1KΩ 1004: 1MΩ	CT1: Tape & 1K Reel CT4: Tape & 4K Reel CT5: Tape & 5k Reel CT10: Tape & 10k Reel	Blank : Standard Y : 1/16W X : 1/10W W : 1/8W P : 1/5W V : 1/4W O : 1/3W U : 1/2W Q : 3/4W T : 1W	5 = ±5 10 = ±10 15 = ±15 25 = ±25 50 = ±50	Cal-chip has completed the Lead-Free transition. All parts shipped with or without an "LF" at the end of the part number will be RoHS Compliant. Please contact your Sales Associate if you require Non-RoHS material.

*See packaging specifications below for avail reel quantities

INDEX

Koa Speer (RN73)

Vishay/Dale (TNPW)

IRC (PCF)

Thin Film Technologies/Susumu (RR/RG)

Kamaya (RNC)

Panasonic (ERA)

SEI/Stackpole (RNCF)

Koa Speer: RN732ATTD1002B25

Calchip P/N: RN10B1002CT*-25

*1=1k reel/5=5k reel/10=10k reel

RN73

SERIES:

RN73

2A

SIZE:

1E=0402
1J=0603
2A=0805
2B=1206

T

Lead Free

TD

TAPE
7" Tape & Reel

1002

RESISTANCE
VALUE
10K

B

TOLERANCE:
Same as Calchip

25

TCR:
Same as Calchip

Calchip P/N RN10B1002CT5-25 crosses to Koa P/N RN732ATTD1002B25

Dale/Vishay: TNPW08051K32BETA

Calchip P/N: RN10B1321CT*-25

*1=1k reel/5=5k reel/10=10k reel

TNPW

SERIES:

TNPW

0805

SIZE:

0402
0603
0805

1K32

RESISTANCE VALUE

1K32

B

TOLERANCE:

Same as Calchip

E

TCR:

Y = 10PPM
X = 15PPM
E = 25PPM

TA

TAPE:

7" Tape & Reel

Calchip P/N RN10B1321CT5-25 crosses to Dale/Vishay P/N TNPW08051K32BETA

IRC: PCF-W0805LF-03-XXXX-B-P-LT

Calchip P/N: RN10BXXXXCT*-25

*1=1k reel/5=5k reel/10=10k reel

PCF

SERIES:

PCF

W0805

SIZE:

W0402
W0603
W0805
W1206

LF

LEAD FREE:

LF = 100% Tin
R = Lead (Sn/Pb)

03

TCR:

13 = 5PPM
12 = 10PPM
03 = 25PPM

XXX

RESISTANCE VALUE:

B

TOLERANCE:

Same as Calchip

P

PAPER:

LT

TAPE & REEL:

Calchip P/N RN10BXXXXCT5-25 crosses to IRC P/N PCF-W0805LF-03-XXXX-B-P-LT

KAMAYA: RNC20EXXXBTP

Calchip P/N: RN10BXXXXCT*-25

*1=1k reel/5=5k reel/10=10k reel

RNC

SERIES:

RNC

20

SIZE:

20 = 0805
32 = 1206

XXXX

RESISTANCE VALUE:

E

TCR:

E = 25PPM

B

TOLERANCE CODE:

Same as Calchip

TP

TAPE:

Paper Tape

Calchip P/N RN10BXXXXCT5-25 crosses to KAMAYA P/N RNC20EXXXBTP

PANASONIC: ERA6YEB102V

Calchip P/N: RN10B1001CT*-25

*1=1k reel/5=5k reel/10=10k reel

ERA

SERIES:

ERA

6Y

SIZE:

3Y = 0603
6Y = 0805

E

TCR:

E = 25PPM

B

TOLERANCE CODE:

Same as Calchip

102

RESISTANCE CODE:

Standard value codes

V

TAPE:

Paper Tape

Calchip P/N RN10B1001CT5-25 crosses to PANASONIC P/N ERA6YEB102V

SEI: RNC20T94.75K0.1%R

Calchip P/N: RN10B4751CT*-25

*1=1k reel/5=5k reel/10=10k reel

RNC

SERIES:

RNCF

20

SIZE:

10 = 0402
16 = 0603
20 = 0805
32 = 1206

T9

TCR:

TA = 5PPM
TB = 10PPM
T9 = 25PPM

4.75K

RESISTANCE VALUE:

0.1%

TOLERANCE CODE:

R

TAPE:

7" Tape & Reel

Calchip P/N RN10B4751CT5-25 crosses to SEI P/N RNCF 20 T9 4.75K 0.1% R

THIN FILM TECHNOLOGY:

RR1632P1001D-LF or C

Calchip P/N: RN12D1001CT*-25

*1=1k reel/5=5k reel/10=10k reel

RR

SERIES:

RR

1632

SIZE:

0510 = 0402
0816 = 0603
1220 = 0805
1632 = 1206

P

TCR:

V = 5PPM
N = 10ppm
P = 25ppm

XXXX

RESISTANCE VALUE:

D

TOLERANCE CODE:

Same as Calchip

LF or C*

LEAD FREE/
RoHS COMPLIANT

* LF or C – only one or the other is used. LF is for Lead Free on size 1632. C is for sizes 0510, 0816 and 1220.

Calchip P/N RN10B1001CT5-25 crosses to THIN FILM RR1632P1001D-LF