

BOURNS® Date Code Summary

Date Codes for Bourns® products are explained below.

Ceramic PTCs

Part Marking

2-Digit Date Code..... - First digit indicates year of manufacture;
- Next alpha character indicates week of manufacture

Example:

8G = Manufactured in 2018, week 13/14

Label Marking

4-Digit Date Code..... - First two digits indicate year of manufacture;
- Next two digits indicate week of manufacture

Example:

1832 = Manufactured in 2018, week 32

Chip Resistors & Arrays

4-Digit Date Code (Model CRxxxx-AS, CAYxx-AS)..... - First digit indicates year of manufacture;
- Last three digits indicate day of manufacture

Example:

9197 = Manufactured in 2009, day 197

4-Digit Date Code (All Other Models)..... - First two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:

0832 = Manufactured in 2008, week 32

8-Digit Date Code (Model CRTxxxx) - First four digits indicate year of manufacture;
- Last four digits indicate the date of manufacture (MMDD)

Example:

20190624 = Manufactured in 2019, June 24th

Diodes

4-Digit Date Code..... - First two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:

0832 = Manufactured in 2008, week 32

GDTs & Outside Plant Products

4-Digit Date Code..... - First two digits indicate month of manufacture;
- Last two digits indicate year of manufacture

Example:

0708 = Manufactured in July, 2008

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Hybrids

5-Digit Date Code.....

- First alpha characters indicate location of manufacture:
S = Xiamen, China
- Next two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:
S0832 = Manufactured in Xiamen, China, 2008, week 32

Inductors

4-Digit Date Code..... - First two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:
0824 = Manufactured in 2008, week 24

For Model Series: Clxxxx, CSxxxx, MAxx.....Marking on labels only.

2-Digit Date Code..... Lot number includes many digits but only first two digits indicate Date Code

- First digit indicates year of manufacture;
- Second digit indicates month of manufacture:
 - 1-9 = January to September*
 - O = October*
 - N = November*
 - D = December*

For Model Series: CM32, CM25, CM20, CM16, CM10.....Marking on labels only.

8-Digit Date Code..... - First four digits indicate year of manufacture;
 - Next two digits indicate month of manufacture;
 - Last two digits indicate day of manufacture

Example:
 2008/02/17 = Manufactured in 2008, February 17th

For Model Series: MHxx, MTxx, MGxx, MUxx, MZxx, CM45, CWxx Marking on labels only.

Mixed Date Code..... - First alpha characters indicate month of manufacture;
 - Next two digits indicate day of manufacture;
 - Last two digits indicate year of manufacture

Example:
 Feb 21, 08 = Manufactured on February 21, 2008

For Model Series: SDRxxxx, SRRxxxx, SRTxxxx.....Marking on labels only.

BOURNS® Date Code Summary

Multifuse® Polymer PTC Resettable Fuses

4-Digit Date Code..... - First digit indicates year of manufacture;
 - Next three digits indicate Julian date of manufacture;
 - Last alpha character is suffix for manufacturing location:
S = Xiamen, China

Example:

8180S = Manufactured in 2018, day 180, Xiamen, China

2-Digit Date Code (except MF-xSMF, -SMDF, -xSML & -xSHT)

Week 1-26 Format:..... - First digit indicates year of manufacture;
 - Second digit indicates week of manufacture;
 - Third alpha character is suffix for manufacturing location:
S = Xiamen, China

Example:

8ES = Manufactured in 2018, week 5, Xiamen, China

Week 27-52 Format:..... - First digit indicates week of manufacture;
 - Second digit indicates year of manufacture;
 - Third alpha character is suffix for manufacturing location:
S = Xiamen, China

Example:

M8S = Manufactured in 2018, week 39, Xiamen, China

2-Digit Date Code (MF-xSMF, -SMDF, -xSML & -xSHT)

Week Format:..... - First digit indicates year of manufacture;
 - Second digit indicates week of manufacture

Example:

8K = Manufactured in 2018, week 21/22

2-Digit / 4-Digit Date Code Table

Year 2018 Week No.	Date Code 2-Digit	Date Code 2-Digit (MF-xSMF, -SMDF, -xSML & -xSHT)	Date Code 4-Digit	Year 2018 Week No.	Date Code 2-Digit	Date Code 2-Digit (MF-xSMF, -SMDF, -xSML & -xSHT)	Date Code 4-Digit
1	8A	8A	8005	27	A8	8N	8187
2	8B	8A	8012	28	B8	8N	8194
3	8C	8B	8019	29	C8	8O	8201
4	8D	8B	8026	30	D8	8O	8208
5	8E	8C	8033	31	E8	8P	8215
6	8F	8C	8040	32	F8	8P	8222
7	8G	8D	8047	33	G8	8Q	8229
8	8H	8D	8054	34	H8	8Q	8236
9	8I	8E	8061	35	I8	8R	8243
10	8J	8E	8068	36	J8	8R	8250
11	8K	8F	8075	37	K8	8S	8257
12	8L	8F	8082	38	L8	8S	8264
13	8M	8G	8089	39	M8	8T	8271
14	8N	8G	8096	40	N8	8T	8278
15	8O	8H	8103	41	O8	8U	8285
16	8P	8H	8110	42	P8	8U	8292
17	8Q	8I	8117	43	Q8	8V	8299
18	8R	8I	8124	44	R8	8V	8306
19	8S	8J	8131	45	S8	8W	8313
20	8T	8J	8138	46	T8	8W	8320
21	8U	8K	8145	47	U8	8X	8327
22	8V	8K	8152	48	V8	8X	8334
23	8W	8L	8159	49	W8	8Y	8341
24	8X	8L	8166	50	X8	8Y	8348
25	8Y	8M	8173	51	Y8	8Z	8355
26	8Z	8M	8180	52	Z8	8Z	8362

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BOURNS® Date Code Summary

Power Resistors

4-Digit Date Code..... - First two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:

0832 = Manufactured in 2008, week 32

RF Power Resistors

Date Codes are on the packaging only.

6-Digit Date Code..... - First two digits indicate year of manufacture;
- Next two digits indicate month of manufacture;
- Last two digits indicate day of manufacture

Example:

081016 = Manufactured in 2008, October 16

R & RC Network Products (Thin Film)

4-Digit Date Code..... - First two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:

0832 = Manufactured in 2008, week 32

R & RC Network Products (Thick Film)

4-Digit Date Code..... - First alpha character indicates plant of manufacture:
C = Costa Rica
- First two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:

C0832 = Manufactured in Costa Rica, 2008, week 32

Sensors & Controls Products (Panel Controls, Precision Potentiometers, Encoders)

4-Digit Date Code..... - First two digits indicate year of manufacture;
- Next two digits indicate week of manufacture;
- Last alpha character indicates manufacturing location:
M = Bourns de Mexico (Tijuana Plant)
X = Bourns de Mexico (CLM Plant)

Example:

0832X = Manufactured in 2008, week 32, CLM Plant

SinglFuse™ SMD Fuses

Label Marking

4-Digit Date Code..... - First two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:

1832 = Manufactured in 2018, week 32

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BOURNS® Date Code Summary

Surge Line Protection Modules

- 5-Digit Date Code** - First alpha character indicates location of manufacture:
(C = Costa Rica)
- Next two digits indicate year of manufacture;
- Last two digits indicate week of manufacture

Example:

C0832 = Manufactured in Costa Rica, 2008, week 32

TBU® & TCS™ High-Speed Protectors

- 3-Digit Date Code + Lot Trace Code (LL)** - First digit indicates year of manufacture;
- Next two digits indicate week of manufacture;
- Last two digits indicate lot traceability code

Example:

53802 = Manufactured in 2015, week 38, Lot Trace Code

TISP® Thyristor Surge Protectors (PDIP & SIP Package Types)

- 3-Digit Date Code + Lot Trace Code and Country of Origin Code (LLP)** - First two digits indicate year of manufacture;
- Last two digits indicate week of manufacture;
- A two digit lot traceability code (LL) is used. When combined with the part number, the trade code must identify the source wafer lot. A code letter "P" is used for the country of origin:
(P = Philippines)

Example:

824LLP = Manufactured in 2008, week 24, Lot Trace Code, Philippines

TISP® Thyristor Surge Protectors (SOIC Package Types)

- 4-Digit Date Code + Lot Trace Code (LL)** - First digit indicates year of manufacture;
- Last two digits indicate week of manufacture;
- An alpha character indicates country of origin:
(P = Philippines)
- An underscore indicates copper
- A two digit lot traceability code (LL) is used. When combined with the part number, the trace code must identify the source wafer lot.

Example:

LL
938P = Lot Trace Code, Manufactured in 2009, week 38, Philippines, copper wire

TISP® Thyristor Surge Protectors (SMBJ & SMB3 Package Types)

- 3-Digit Date Code** - First digit indicates year of manufacture;
- Last two digits indicate week of manufacture

Example:

843 = Manufactured in 2008, week 43

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BOURNS® Date Code Summary

TISP® Thyristor Surge Protectors (LM & LMF Package Types)

3-Digit Date Code + Lot Trace Code (LLL) - First digit indicates year of manufacture;
 - Next two digits indicate week of manufacture;
 - Last four digits indicate traceability of the wafer fab lot number

Example:

8220100 = Manufactured in 2008, week 22, Lot Trace Code

Transformers

4-Digit Date Code..... - First two digits indicate year of manufacture;
 - Last two digits indicate week of manufacture

Example:

0810 = Manufactured in 2008, week 10

For Model Series: 2-, 3-, 4-, DLxxxx, LMxxxxx, SMxxxxx,
 PT3xx, PT5xx, PT6xx, PT7xxxx, DRxxx, HDxxx

Marking on labels and units.

Trimpot® Products (Trimmers, Switches, Modular Contacts and Linear Motion Potentiometers)

4-Digit Date Code..... - First two digits indicate year of manufacture;
 - Last two digits indicate week of manufacture;
 - 5th digit is suffix for manufacturing location:
 C = Costa Rica T = Taiwan
 M = Mexico

Example:

1808C = Manufactured in 2018, week 8, Costa Rica

- If the part number requires an "LF" suffix, a zero is added to indicate RoHS compliancy:

Example:

1808C0 = Manufactured in 2018, week 8, Costa Rica, RoHS compliant

3-Digit Date Code..... - First digit indicates year of manufacture;
 - Last two digits indicate week of manufacture;
 - 4th digit is suffix for manufacturing location:
 C = Costa Rica T = Taiwan
 M = Mexico

Example:

821C = Manufactured in 2018, week 21, Costa Rica

- If the part number requires an "LF" suffix, a zero is added to indicate RoHS compliancy:

Example:

821C0 = Manufactured in 2018, week 21, Costa Rica, RoHS compliant

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BOURNS® Date Code Summary

Trimpot® Products (Trimmers, Switches, Modular Contacts and Linear Motion Potentiometers) - Continued

2-Digit Date Code..... - First digit indicates year of manufacture;
- Second digit indicates month of manufacture

Example:

8F = Manufactured in 2018, month of May

1-Digit Date Code..... - Alpha character A~Z and a~z in a four year cycle

Example:

A + a = January, odd years

N + n = January, even years

Open Frame Trimmer Date Code..... - First four digits indicate the year of manufacture;
- The next two digits indicate the month of manufacture;
- The last two digits indicate the day of manufacture

Example:

20200324 = Manufactured on March 24th, 2020

2-Digit / 3-Digit / 4-Digit Date Code Table

Year 2018 Month	2-Digit Date Code	3-Digit Date Code	4-Digit Date Code
Jan	8A	801	1801
Feb	8B	805	1805
Mar	8C	809	1809
Apr	8E	814	1814
May	8F	818	1818
Jun	8G	822	1822
Jul	8H	827	1827
Aug	8J	831	1831
Sep	8N	835	1835
Oct	8P	840	1840
Nov	8S	844	1844
Dec	8T	848	1848

1-Digit Date Code Table

Month	2013, 2017, 2021, 2025, 2029	2014, 2018, 2022, 2026, 2030	2015, 2019, 2023, 2027, 2031	2016, 2020, 2024, 2028, 2032
Jan	A	N	a	n
Feb	B	P	b	p
Mar	C	Q	c	q
Apr	D	R	d	r
May	E	S	e	s
Jun	F	T	f	t
Jul	G	U	g	u
Aug	H	V	h	v
Sep	J	W	j	w
Oct	K	X	k	x
Nov	L	Y	l	y
Dec	M	Z	m	z

1-Digit Date Code Table (Model PVG3)

Month	2017, 2019, 2021, 2023, 2025	2018, 2020, 2022, 2024, 2026
Jan	A	N
Feb	B	P
Mar	C	Q
Apr	D	R
May	E	S
Jun	F	T
Jul	G	U
Aug	H	V
Sep	J	W
Oct	K	X
Nov	L	Y
Dec	M	Z

REV. 10/19

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