

BOURNS® Date Code Summary

Date Codes for Bourns® products are explained below.

CIRCUIT PROTECTION

Gas Discharge Tubes (GDTs)

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

Example:

0708 = Manufactured in July, 2008

Multifuse® 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:

8180T = Manufactured in 2008, day 180, Xiamen, China

2-Digit Date Code

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 2008, 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 week 39, 2008, Xiamen, China

2-Digit / 4-Digit Date Code Table

Year 2008 Week No.	Date Code 2-Digit	Date Code 4-Digit
1	8A	8001
2	8B	8008
3	8C	8015
4	8D	8022
5	8E	8029
6	8F	8036
7	8G	8043
8	8H	8050
9	8I	8057
10	8J	8064
11	8K	8071
12	8L	8078
13	8M	8085
14	8N	8092
15	8O	8099
16	8P	8106
17	8Q	8113
18	8R	8120

Year 2008 Week No.	Date Code 2-Digit	Date Code 4-Digit
19	8S	8127
20	8T	8134
21	8U	8141
22	8V	8148
23	8W	8155
24	8X	8162
25	8Y	8169
26	8Z	8176
27	A8	8183
28	B8	8190
29	C8	8197
30	D8	8204
31	E8	8211
32	F8	8218
33	G8	8225
34	H8	8232
35	I8	8239

Year 2008 Week No.	Date Code 2-Digit	Date Code 4-Digit
36	J8	8246
37	K8	8253
38	L8	8260
39	M8	8267
40	N8	8274
41	O8	8281
42	P8	8288
43	Q8	8295
44	R8	8302
45	S8	8309
46	T8	8316
47	U8	8323
48	V8	8330
49	W8	8337
50	X8	8344
51	Y8	8351
52	Z8	8358

CIRCUIT PROTECTION (Continued)

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

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

TBU® High-Speed Protectors

4-Digit Date Code..... - First digit indicates year's 6-month period of manufacture:
A = Jan-June 2009 D = Jul-Dec 2010
B = Jul-Dec 2009 E = Jan-Jun 2011
C = Jan-Jun 2010 F = Jul-Dec 2011

- Next digit indicates week of manufacture in the 6-month period;
- Next two digits indicate specific lot number for the week.

Example:
A244 = Manufactured in the 2nd week of January 2009, Lot Number

Telefuse™ Telecom Protectors

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

Example:
111711 = Manufactured in 2011, November 17

CIRCUIT PROTECTION (Continued)

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 trace 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

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

CO & OUTSIDE PLANT PRODUCTS

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

DIODES

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

MAGNETICS

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

Examples:

L13xxxxxxxxxx = Manufactured in 2008, month of March

L8Dxxxxxxxxxx = Manufactured in 2008, month of 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.

MAGNETICS (Continued)

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.

RESISTIVE PRODUCTS

Chip Resistors & Arrays

4-Digit Date Code (Model CAT10)..... - 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

3-Digit Date Code..... - First alpha character indicates manufacturer
traceability prefix;
- Second digit indicates year of manufacture;
- Last two digits indicate week of manufacture

Example:

R825 = Manufacturer traceability code, Manufactured
in 2008, week 25

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

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

RESISTIVE PRODUCTS (Continued)

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

SENSORS & CONTROLS

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

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 M = Mexico
G = Ireland T = Taiwan

Example:

0808C = Manufactured in 2008, week 8, Costa Rica

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

Example:

821 = Manufactured in 2008, week 21

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

Example:

8F = Manufactured in 2008, 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

BOURNS® Date Code Summary

TRIMPOT® PRODUCTS (Continued)

Trimmers, Switches, Modular Contacts and Linear Motion Potentiometers

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

Year 2008 Month	2-Digit Date Code	3-Digit Date Code	4-Digit Date Code
Jan	8A	801	0801
Feb	8B	805	0805
Mar	8C	809	0809
Apr	8E	814	0814
May	8F	818	0818
Jun	8G	822	0822
Jul	8H	827	0827
Aug	8J	831	0831
Sep	8N	835	0835
Oct	8P	840	0840
Nov	8S	844	0844
Dec	8T	848	0848

**1-Digit
Date Code Table**

Month	2005, 2009, 2013, 2017	2006, 2010, 2014, 2018	2007, 2011, 2015, 2019	2008, 2012, 2016, 2020
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