

Pericom Datecode Format Explanation (01/29/08)

A date code as described below applies to all package types (except for packages too small to accept the full mark). It is assigned to each assembly lot, which consists of the same device and package type grouped at the plastic molding operation. *This is the week the assembly lot is processed through (released from) the encapsulation operation (for CSP package it is the ball drop start date).*

Standard Datecode Format Example: (old method prior to March 1, 2003 without serial lot letter)

<u>Z</u>	<u>03</u>	<u>08</u>	<u>A</u>	<u>O</u>	<u>C</u>
Die Rev.	Year	Work Week	1 st Serial lot	Assembly Location	Fab Location
<i>(Alphabetic)</i>	<i>(Numeric)</i>	<i>(Numeric)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>

Standard Date Code Format Example: (new method after march 1,2003 without serial letter)

Example of a full date code mark:

<u>03</u>	<u>08</u>	<u>S</u>	<u>C</u>
Year	Work Week	Package Assembly Location	Wafer Fab Location
<i>(Numeric)</i>	<i>(Numeric)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>

Example of a full date code mark with die revision letter:

<u>Z</u>	<u>03</u>	<u>08</u>	<u>S</u>	<u>C</u>
Die Rev.	Year	Work Week	Package Assembly Location	Wafer Fab Location
<i>(Alphabetic)</i>	<i>(Numeric)</i>	<i>(Numeric)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>

Example of a full date code mark with die option code (engineering lots):

<u>Z</u>	<u>AA</u>	<u>03</u>	<u>08</u>	<u>O</u>	<u>C</u>
Die Rev.	Option Code	Year	Work Week	Package Assembly Location	Wafer Fab Location
<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Numeric)</i>	<i>(Numeric)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>

Example of a full date code mark with cost-down code:

<u>A</u>	<u>Z</u>	<u>03</u>	<u>08</u>	<u>O</u>	<u>C</u>
Cost-Down Code	Die Rev.	Year	Work Week	Package Assembly Location	Wafer Fab Location
<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Numeric)</i>	<i>(Numeric)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>

Example of a full date code mark with cost-down code and option code (engineering lots):

<u>A</u>	<u>Z</u>	<u>AA</u>	<u>03</u>	<u>08</u>	<u>O</u>	<u>C</u>
Cost-Down Code	Die Rev.	Option Code	Year	Work Week	Package Assembly Location	Wafer Fab Location
<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Numeric)</i>	<i>(Numeric)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>

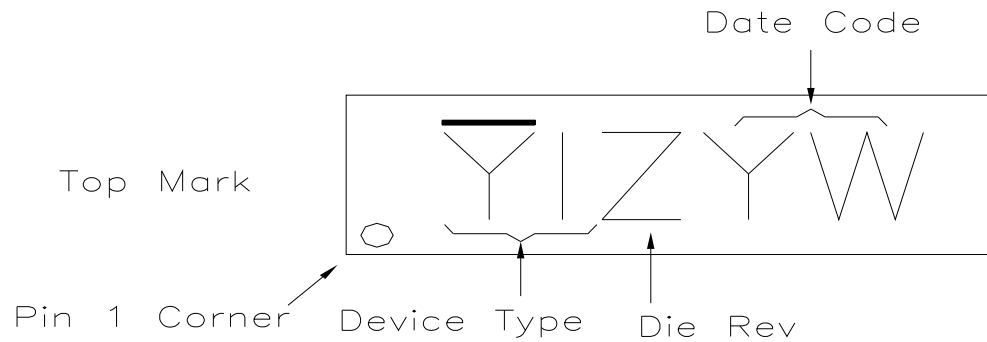
Example of a full date code mark with Fabrication 2, cost-down code, and option code (engineering lots):

<u>B</u>	<u>A</u>	<u>Z</u>	<u>AA</u>	<u>03</u>	<u>08</u>	<u>O</u>	<u>C</u>
Fabrication 2	Cost-Down Code	Die Rev.	Option Code	Year	Work Week	Package Assembly Location	Wafer Fab Location
<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Numeric)</i>	<i>(Numeric)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>

Example of a full date code mark with Shrink code, Fabrication 2, cost-down code, and option code (engineering lots):

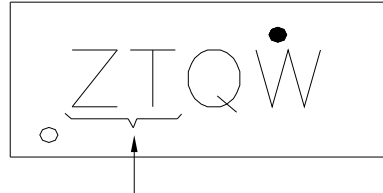
<u>C</u>	<u>B</u>	<u>A</u>	<u>Z</u>	<u>AA</u>	<u>03</u>	<u>08</u>	<u>O</u>	<u>C</u>
Shrink Code	Fabrication 2	Cost-Down Code	Die Rev.	Option Code	Year	Work Week	Package Assembly Location	Wafer Fab Location
<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>	<i>(Numeric)</i>	<i>(Numeric)</i>	<i>(Alphabetic)</i>	<i>(Alphabetic)</i>

Example of a full date code mark with Pb-free bar above 1st or 2nd character (for small packages such as C, T, ZA, etc):



Example of a full date code mark with fab 2 dot:

Top Mark



Shortened part number

Note: Dot above last character
denotes fab 2 port code

Appendix I

- For package types with limited marking space, a two digit alpha code will be used with the first and second letters combined representing a unique year and week.
- NA designates the first week of 2004 (as in 0401), then NB will designate the second week of 2004, and so on until NZ, which represents date code 0426.
- OA will designate the 27th week of 2004, then OB for the 28th week and so on, until OZ, which represents date code 0452.
- The date code sequence below begins with AA for 2010; it may begin again with AA in the year 2023.

Year		WW		Year		WW		Year		WW		Year		WW		Year		WW		Year		WW					
2004	N	1	A	2005	P	1	A	2006	R	1	A	2007	T	1	A	2008	V	1	A	2009	X	1	A	2010	Z	1	A
2004	N	2	B	2005	P	2	B	2006	R	2	B	2007	T	2	B	2008	V	2	B	2009	X	2	B	2010	Z	2	B
2004	N	3	C	2005	P	3	C	2006	R	3	C	2007	T	3	C	2008	V	3	C	2009	X	3	C	2010	Z	3	C
2004	N	4	D	2005	P	4	D	2006	R	4	D	2007	T	4	D	2008	V	4	D	2009	X	4	D	2010	Z	4	D
2004	N	5	E	2005	P	5	E	2006	R	5	E	2007	T	5	E	2008	V	5	E	2009	X	5	E	2010	Z	5	E
2004	N	6	F	2005	P	6	F	2006	R	6	F	2007	T	6	F	2008	V	6	F	2009	X	6	F	2010	Z	6	F
2004	N	7	G	2005	P	7	G	2006	R	7	G	2007	T	7	G	2008	V	7	G	2009	X	7	G	2010	Z	7	G
2004	N	8	H	2005	P	8	H	2006	R	8	H	2007	T	8	H	2008	V	8	H	2009	X	8	H	2010	Z	8	H
2004	N	9	I	2005	P	9	I	2006	R	9	I	2007	T	9	I	2008	V	9	I	2009	X	9	I	2010	Z	9	I
2004	N	10	J	2005	P	10	J	2006	R	10	J	2007	T	10	J	2008	V	10	J	2009	X	10	J	2010	Z	10	J
2004	N	11	K	2005	P	11	K	2006	R	11	K	2007	T	11	K	2008	V	11	K	2009	X	11	K	2010	Z	11	K
2004	N	12	L	2005	P	12	L	2006	R	12	L	2007	T	12	L	2008	V	12	L	2009	X	12	L	2010	Z	12	L
2004	N	13	M	2005	P	13	M	2006	R	13	M	2007	T	13	M	2008	V	13	M	2009	X	13	M	2010	Z	13	M
2004	N	14	N	2005	P	14	N	2006	R	14	N	2007	T	14	N	2008	V	14	N	2009	X	14	N	2010	Z	14	N
2004	N	15	O	2005	P	15	O	2006	R	15	O	2007	T	15	O	2008	V	15	O	2009	X	15	O	2010	Z	15	O
2004	N	16	P	2005	P	16	P	2006	R	16	P	2007	T	16	P	2008	V	16	P	2009	X	16	P	2010	Z	16	P
2004	N	17	Q	2005	P	17	Q	2006	R	17	Q	2007	T	17	Q	2008	V	17	Q	2009	X	17	Q	2010	Z	17	Q
2004	N	18	R	2005	P	18	R	2006	R	18	R	2007	T	18	R	2008	V	18	R	2009	X	18	R	2010	Z	18	R
2004	N	19	S	2005	P	19	S	2006	R	19	S	2007	T	19	S	2008	V	19	S	2009	X	19	S	2010	Z	19	S
2004	N	20	T	2005	P	20	T	2006	R	20	T	2007	T	20	T	2008	V	20	T	2009	X	20	T	2010	Z	20	T
2004	N	21	U	2005	P	21	U	2006	R	21	U	2007	T	21	U	2008	V	21	U	2009	X	21	U	2010	Z	21	U
2004	N	22	V	2005	P	22	V	2006	R	22	V	2007	T	22	V	2008	V	22	V	2009	X	22	V	2010	Z	22	V
2004	N	23	W	2005	P	23	W	2006	R	23	W	2007	T	23	W	2008	V	23	W	2009	X	23	W	2010	Z	23	W
2004	N	24	X	2005	P	24	X	2006	R	24	X	2007	T	24	X	2008	V	24	X	2009	X	24	X	2010	Z	24	X
2004	N	25	Y	2005	P	25	Y	2006	R	25	Y	2007	T	25	Y	2008	V	25	Y	2009	X	25	Y	2010	Z	25	Y
2004	N	26	Z	2005	P	26	Z	2006	R	26	Z	2007	T	26	Z	2008	V	26	Z	2009	X	26	Z	2010	Z	26	Z
2004	O	27	A	2005	Q	27	A	2006	S	27	A	2007	U	27	A	2008	W	27	A	2009	Y	27	A	2010	A	27	A
2004	O	28	B	2005	Q	28	B	2006	S	28	B	2007	U	28	B	2008	W	28	B	2009	Y	28	B	2010	A	28	B
2004	O	29	C	2005	Q	29	C	2006	S	29	C	2007	U	29	C	2008	W	29	C	2009	Y	29	C	2010	A	29	C
2004	O	30	D	2005	Q	30	D	2006	S	30	D	2007	U	30	D	2008	W	30	D	2009	Y	30	D	2010	A	30	D
2004	O	31	E	2005	Q	31	E	2006	S	31	E	2007	U	31	E	2008	W	31	E	2009	Y	31	E	2010	A	31	E
2004	O	32	F	2005	Q	32	F	2006	S	32	F	2007	U	32	F	2008	W	32	F	2009	Y	32	F	2010	A	32	F
2004	O	33	G	2005	Q	33	G	2006	S	33	G	2007	U	33	G	2008	W	33	G	2009	Y	33	G	2010	A	33	G
2004	O	34	H	2005	Q	34	H	2006	S	34	H	2007	U	34	H	2008	W	34	H	2009	Y	34	H	2010	A	34	H
2004	O	35	I	2005	Q	35	I	2006	S	35	I	2007	U	35	I	2008	W	35	I	2009	Y	35	I	2010	A	35	I
2004	O	36	J	2005	Q	36	J	2006	S	36	J	2007	U	36	J	2008	W	36	J	2009	Y	36	J	2010	A	36	J
2004	O	37	K	2005	Q	37	K	2006	S	37	K	2007	U	37	K	2008	W	37	K	2009	Y	37	K	2010	A	37	K
2004	O	38	L	2005	Q	38	L	2006	S	38	L	2007	U	38	L	2008	W	38	L	2009	Y	38	L	2010	A	38	L
2004	O	39	M	2005	Q	39	M	2006	S	39	M	2007	U	39	M	2008	W	39	M	2009	Y	39	M	2010	A	39	M
2004	O	40	N	2005	Q	40	N	2006	S	40	N	2007	U	40	N	2008	W	40	N	2009	Y	40	N	2010	A	40	N
2004	O	41	O	2005	Q	41	O	2006	S	41	O	2007	U	41	O	2008	W	41	O	2009	Y	41	O	2010	A	41	O

2004	O	42	P	2005	Q	42	P	2006	S	42	P	2007	U	42	P	2008	W	42	P	2009	Y	42	P	2010	A	42	P
2004	O	43	Q	2005	Q	43	Q	2006	S	43	Q	2007	U	43	Q	2008	W	43	Q	2009	Y	43	Q	2010	A	43	Q
2004	O	44	R	2005	Q	44	R	2006	S	44	R	2007	U	44	R	2008	W	44	R	2009	Y	44	R	2010	A	44	R
2004	O	45	S	2005	Q	45	S	2006	S	45	S	2007	U	45	S	2008	W	45	S	2009	Y	45	S	2010	A	45	S
2004	O	46	T	2005	Q	46	T	2006	S	46	T	2007	U	46	T	2008	W	46	T	2009	Y	46	T	2010	A	46	T
2004	O	47	U	2005	Q	47	U	2006	S	47	U	2007	U	47	U	2008	W	47	U	2009	Y	47	U	2010	A	47	U
2004	O	48	V	2005	Q	48	V	2006	S	48	V	2007	U	48	V	2008	W	48	V	2009	Y	48	V	2010	A	48	V
2004	O	49	W	2005	Q	49	W	2006	S	49	W	2007	U	49	W	2008	W	49	W	2009	Y	49	W	2010	A	49	W
2004	O	50	X	2005	Q	50	X	2006	S	50	X	2007	U	50	X	2008	W	50	X	2009	Y	50	X	2010	A	50	X
2004	O	51	Y	2005	Q	51	Y	2006	S	51	Y	2007	U	51	Y	2008	W	51	Y	2009	Y	51	Y	2010	A	51	Y
2004	O	52	Z	2005	Q	52	Z	2006	S	52	Z	2007	U	52	Z	2008	W	52	Z	2009	Y	52	Z	2010	A	52	Z