



Pericom Datecode Format Explanation (11/18/19)

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

| Z | 14 | 80 | A | 0 | C |
|--------------|-----------|-----------|----------------------------|-------------------|--------------|
| _ | | | | | |
| Die Rev. | Year | Work Week | 1 st Serial lot | Assembly Location | Fab Location |
| (Alphabetic) | (Numeric) | (Numeric) | (Alphabetic) | (Alphabetic) | (Alphabetic) |

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

Example of a full date code mark:

| 80 | S | C |
|-----------|------------------|-------------------------------------|
| Work Week | Package Assembly | Wafer Fab Location |
| | Location | |
| (Numeric) | (Alphabetic) | (Alphabetic) |
| | Work Week | Work Week Package Assembly Location |

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

| Z | 03 | 80 | S | C |
|--------------|-----------|-----------|------------------|--------------------|
| Die Rev. | Year | Work Week | Package Assembly | Wafer Fab Location |
| Die itev. | 1 cui | WOIR WEEK | Location | Water Las Escation |
| (Alphabetic) | (Numeric) | (Numeric) | (Alphabetic) | (Alphabetic) |

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

| Z | AA | 03 | 80 | 0 | C |
|--------------|--------------|-----------|-----------|------------------|--------------|
| Die Rev. | Option | Year | Work Week | Package Assembly | Wafer Fab |
| | Code | | | Location | Location |
| (Alphabetic) | (Alphabetic) | (Numeric) | (Numeric) | (Alphabetic) | (Alphabetic) |

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

| <u>A</u> | Z | 03 | 08 | 0 | С |
|--------------|--------------|-----------|-----------|------------------|--------------|
| Cost-Down | Die Rev. | Year | Work Week | Package Assembly | Wafer Fab |
| Code | | | | Location | Location |
| (Alphabetic) | (Alphabetic) | (Numeric) | (Numeric) | (Alphabetic) | (Alphabetic) |

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

| A | Z | AA | 03 | 80 | 0 | C |
|-------------------|--------------|----------------|-----------|--------------|---------------------------|-----------------------|
| Cost-Down Code | Die Rev. | Option Code | Year | Work Week | Package Assembly Location | Wafer Fab Location |
| (Alphabetic) | (Alphabetic) | (Alphabetic) | (Numeric) | (Numeric) | (Alphabetic) | (Alphabetic) |





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

| В | A | Z | AA | 03 | 80 | 0 | C |
|---------------|-------------------|--------------|----------------|-----------|-----------|-----------------------|-----------------------|
| Fabrication 2 | Cost-Down Code | Die Rev. | Option Code | Year | Work Week | Package Assembly | Wafer Fab Location |
| (Alphabetic) | (Alphabetic) | (Alphabetic) | (Alphabetic) | (Numeric) | (Numeric) | Location (Alphabetic) | (Alphabetic) |

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

| C | В | A | Z | AA | 03 | 80 | 0 | C |
|--------------|--------------|-------------------|--------------|----------------|-----------|--------------|-----------------------|--------------|
| Shrink Code | Fabrication | Cost-Down Code | Die Rev. | Option Code | Year | Work Week | Package Assembly | Wafer Fab |
| (Alphabetic) | (Alphabetic) | (Alphabetic) | (Alphabetic) | (Alphabetic) | (Numeric) | (Numeric) | Location (Alphabetic) | (Alphabetic) |

Example of a one character shortened datecode (Refer to Appendix I):

Device One
Type character
datecode
(Alphabetic) (Alphabetic)

Example of a full datecode using one character shortened datecode (Refer to Appendix I):

| В | A | Z | AA | * | 0 | C |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Fabrication | Cost-Down | Die Rev./ | Option | Year / | Package | Wafer Fab |
| 2 | Code | Device Rev | Code | Work | Assembly | Location |
| | | | | Week | Location | |
| (Alphabetic) |

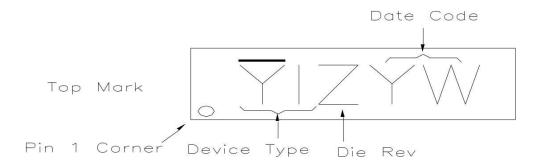
Example of a two character shortened datecode (Refer to Appendix II):

| A | M | 0 | C |
|--------------|--------------|--------------|--------------|
| Year | Work Week | Package | Wafer Fab |
| 1 Cui | WOIR WEEK | Assembly | Location |
| | | Location | |
| (Alphabetic) | (Alphabetic) | (Alphabetic) | (Alphabetic) |

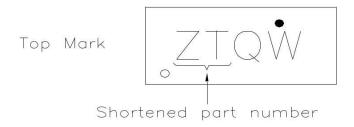




Example of a full date code mark with Pb-free bar above 1st or 2nd character (for small packages such as C, T, ZA, etc):



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



Note: Dot above last character denotes fab 2 port code





For Pericom devices using copper wire, a bar above the last character of the datecode will be placed as an identifier (see build sheet for complete marking instructions).

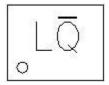
Example mark with a full date code:



Example mark with a 2-letter shortened datecode:



Example mark with a 1-letter shortened datecode:





Appendix I (For Two Character Shortened Date Code)

- 1. 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.
- 2. *SA* designates the first week of 2019 (as in *1901*), then *SB* will designate the second week of 2019, and so on until *SZ*, which represents date code *1926*.
- 3. TA will designate the 27 week of 2019, then TB for the 28 week and so on, until TZ, which represents date code 1952.
- 4. The date code sequence below begins with HA for 2014; it may begin again with AA in the year 2023.
- 5. When entering date codes in the system for package types with shortened date code markings, as a minimum, the date code must be translated to numeric equivalent plus fab location, plus assembly code as explained on section 5.0. For example, if a part is assembled at GTK using wafers from MagnaChip and has TG as date code, the correct date code format to be entered in the system is 1933GG.

| Year W/W Vear W/W Vea | 1 | 9330 | <u> </u> | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|------|----------|---------------|----|---|---------------|----|---|------|---|----|---|------|---|----|---|------|---|----|---|------|---|------------|---|
| 2019 S | Year | WW | | Year | WW | | Year | WW | | Year | | WW | |
| 2019 S 3 2 8 | 2019 S | 1 | Α | 2020 U | 1 | Α | 2021 W | 1 | Α | | Υ | 1 | Α | 2023 | Α | 1 | Α | | С | 1 | Α | | Е | 1 | Α |
| 2019 S 3 C 2020 U 3 C 2021 W 3 C 2022 Y 3 C 2023 A 3 C 2024 C A D 2025 E 4 D 2025 E | | 2 | | | 2 | | | 2 | | | | 2 | | | | 2 | | | _ | 2 | | | | 2 | |
| 2019 S S A D 2020 U 4 D 2021 W 4 D 2022 Y 5 E 2022 C 5 E 2020 C 5 E 2022 C 5 E 2022 C 5 E 2022 C 5 E 2025 E 5 E 2029 C 5 E 2025 E 5 E 2029 C 5 E 2025 E 5 E 2029 C 2029 C 5 E 2029 C 2029 | | | _ | | | _ | | _ | _ | | | | | | | | _ | | _ | | | | | | |
| 2019 S 6 F 2020 U 5 E 2021 W 5 E 2022 Y 5 E 2023 A 5 E 2024 C 6 F 2025 E 6 F 2020 U 7 G 2021 W 7 G 2021 W 7 G 2022 Y 7 G 2023 A 6 F 2022 C 6 F 2025 E 7 G 2025 E | | _ | _ | | _ | _ | | _ | _ | | | | _ | - | | | | | _ | | | | | | |
| 2019 S 6 | | | | | _ | | | | _ | | | | | - | | | | | _ | | | | | | |
| 2019 S 7 G 2020 U 7 G 2021 W 7 G 2022 V 7 G 2023 A 7 G 2024 C 7 G 2025 E 7 G 2019 S 9 I 2020 U 9 I 2021 W 9 I 2022 V 9 I 2023 A 8 H 2024 C 8 H 2025 E 8 H 2029 U 10 J 2020 U 10 J 2022 W 9 I 2023 A 8 I 2024 C 9 I 2025 E 8 H 2029 U 10 J 2024 U 10 J 2025 E 8 H 2024 U 10 J 2024 U U U U U U U U U | | 6 | | | 6 | | | _ | | 2022 | Υ | 6 | | - | | | | 2024 | С | | F | | | | |
| | | _ | _ | | | _ | | | _ | | | | _ | | | | | | | | | | | | |
| 2019 S 9 | | | _ | | | _ | | | _ | | | 8 | _ | | | - | | | | | | | | | |
| 2019 S 10 J 2020 U 10 J 2021 W 10 J 2021 W 10 J 2022 V 10 J 2023 A 10 J 2024 C 10 J 2025 E 10 J 2019 S 12 L 2020 U 12 L 2021 W 12 L 2022 V 11 K 2024 C 11 K 2024 C 11 K 2025 E 11 K 2024 C 11 K 2024 C 11 K 2024 C 12 L 2023 A 12 L 2023 A 12 L 2024 C 11 K 2025 E 12 L 2023 A 12 L 2024 C 12 L 2025 E 12 L 2021 W 13 M 2024 W 14 N 2024 C 15 O 2024 C 15 O 2025 E 14 N 2025 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 S 11 | | | _ | | _ | | | _ | _ | | | | | | | _ | _ | | _ | | | | | | |
| | | | | | | _ | | | _ | | | | | - | | | | | _ | | | | | _ | |
| | | 12 | L | 2020 U | 12 | L | 2021 W | 12 | L | 2022 | Υ | 12 | L | 2023 | Α | 12 | L | 2024 | C | 12 | L | 2025 | Е | 12 | L |
| Description Strict Figure Strict Stric | 2019 S | 13 | М | 2020 U | 13 | М | 2021 W | 13 | M | 2022 | Υ | 13 | M | 2023 | Α | 13 | M | 2024 | С | 13 | М | 2025 | Е | 13 | M |
| Description Strict Fig. Color Fig. Fig. Color Fig. Fig | 2019 S | 14 | N | 2020 U | 14 | N | 2021 W | 14 | N | 2022 | Υ | 14 | N | 2023 | Α | 14 | N | 2024 | С | 14 | N | 2025 | Е | 14 | N |
| Delta Start Transform Color | 2019 S | 15 | 0 | 2020 U | 15 | 0 | 2021 W | 15 | 0 | 2022 | Υ | 15 | 0 | 2023 | Α | 15 | 0 | 2024 | С | 15 | 0 | 2025 | Е | 15 | 0 |
| State Stat | 2019 S | 16 | Р | 2020 U | 16 | Р | 2021 W | 16 | Р | 2022 | Υ | 16 | Р | 2023 | Α | 16 | Р | 2024 | С | 16 | Р | 2025 | Ε | 16 | Р |
| Start Star | 2019 S | 17 | Q | 2020 U | 17 | Q | 2021 W | 17 | Q | 2022 | Υ | 17 | Q | 2023 | Α | 17 | Q | 2024 | С | 17 | Q | 2025 | Е | 17 | Q |
| | 2019 S | 18 | R | 2020 U | 18 | R | 2021 W | 18 | R | 2022 | Υ | 18 | R | 2023 | Α | 18 | R | 2024 | С | 18 | R | 2025 | Е | 18 | R |
| S | 2019 S | 19 | S | 2020 U | 19 | S | 2021 W | 19 | S | 2022 | Υ | 19 | S | 2023 | Α | 19 | S | 2024 | С | 19 | S | 2025 | Е | 19 | S |
| | 2019 S | 20 | | 2020 U | 20 | | 2021 W | 20 | _ | 2022 | | 20 | | 2023 | Α | 20 | | 2024 | С | 20 | | 2025 | Ε | 20 | |
| | 2019 S | | _ | 2020 U | 21 | _ | 2021 W | 21 | _ | 2022 | Υ | 21 | _ | 2023 | Α | 21 | | 2024 | С | 21 | | 2025 | Ε | 21 | _ |
| | | | | | _ | | | _ | | | | | | | | | | | | | | | | | |
| 2019 S 25 Y 2020 U 25 Y 2021 W 25 Y 2022 Y 25 Y 2023 A 25 Y 2024 C 25 Y 2025 E 25 Y 2019 T 27 A 2020 V 27 A 2021 X 27 A 2022 Z 27 A 2023 A 26 Z 2024 C 26 Z 2025 E 26 Z 2020 X 27 A 2021 X 27 A 2022 Z 27 A 2023 B 27 A 2024 C 26 Z 2025 E 26 Z 2020 X 27 A 2025 E 26 Z 2024 Z 27 A 2025 E 26 Z 2026 Z 2026 Z 2026 Z 2026 Z 2028 E 26 Z 2024 D 2024 D 2026 E 26 Z 2026 Z | | | | | | | | _ | | | | | | | Α | | | | _ | | | | | | |
| 2019 S 26 Z 2020 U 26 Z 2021 W 26 Z 2022 Y 26 Z 2023 A 26 Z 2024 D 27 A 2025 F 27 A 2020 V 27 A 2021 X 27 A 2022 Z 28 B 2023 B 27 A 2024 D 27 A 2025 F 27 A 2020 Y 28 B 2020 Y 28 B 2021 X 28 B 2023 Z 28 B 2023 B 27 A 2024 D 28 B 2025 F 27 A 2020 Y 28 B 2021 X 28 B 2023 B 27 A 2024 D 28 B 2025 F 27 A 2026 X 27 A 2026 X 27 A 2026 X 27 A 2028 A 26 Z 27 A 2024 D 28 B 2025 F 27 A 2026 X 28 B 2023 B 28 B 2024 D 28 B 2025 F 28 B 2025 F 27 A 2026 X 28 A | | | | | _ | | | _ | | | | | | | | | | | _ | | | | | | |
| 2019 T 27 A 2020 V 27 A 2021 X 27 A 2021 X 28 B 2021 X 28 B 2022 Z 28 B 2023 B 28 B 2024 D 28 B 2025 F 28 B 2019 T 29 C 2020 V 29 C 2021 X 29 C 2022 Z 29 C 2023 B 28 B 2024 D 28 B 2025 F 28 B 2021 X 20 C 2022 Z 29 C 2023 B 29 C 2023 B 29 C 2024 D 29 C 2025 F 28 B 2024 D 29 C 2025 F 29 C 2023 B 29 C 2024 D 29 C 2025 F 29 C 2023 B 29 C 2024 D 29 C 2025 F 29 C 2023 B 29 C 2024 D 29 C 2025 F 29 C 2023 B 29 C 2024 D 29 C 2024 D 29 C 2025 F 29 C 2023 B 20 D | | _ | | | _ | | | _ | | | | | | - | | | | | _ | | | | | | |
| T | | | _ | | | _ | | _ | _ | | | | _ | - | | | | | | | | | _ | | |
| T | | _ | _ | | | _ | | _ | _ | | | | | | | | | | | | | | | | |
| 2019 T 30 D 2020 V 30 D 2021 X 30 D 2022 Z 30 D 2023 B 30 D 2024 D 30 D 2025 F 30 D 2019 T 31 E 2020 V 32 F 2021 X 31 E 2022 Z 31 E 2023 B 31 E 2024 D 31 E 2025 F 31 E 2019 T 33 G 2020 V 33 G 2021 X 33 G 2022 Z 33 G 2023 B 33 G 2024 D 33 G 2025 F 33 G 2019 T 34 G 34 | | | _ | | _ | _ | | | | | | | _ | | | | | | | _ | | | _ | _ | |
| 2019 T 31 E 2020 V 31 E 2021 X 31 E 2021 X 32 F 2022 Z 32 F 2023 B 31 E 2024 D 31 E 2025 F 31 E 2019 T 33 G 2020 V 33 G 2021 X 33 G 2022 Z 33 G 2023 B 33 G 2024 D 32 F 2025 F 33 G 2019 T 34 H 2020 V 34 H 2021 X 34 H 2021 X 35 I 2020 X 35 I 2020 X 35 I 2020 X 35 I 2021 X 35 I 2022 Z 36 J 2023 B 36 J 2024 D 35 I 2025 F 35 I 2019 T 36 J 2020 V 36 J 2021 X 36 J 2022 Z 36 J 2023 B 36 J 2024 D 35 I 2025 F 35 I 2019 T 37 K 2020 V 38 L 2021 X 38 L 2022 Z 36 J 2023 B 38 L 2024 D 36 J 2025 F 37 K 2019 T 38 L 2020 V 38 L 2021 X 38 L 2022 Z 38 L 2023 B 38 L 2024 D 36 J 2025 F 37 K 2019 T 39 M 2020 V 39 M 2021 X 38 L 2022 Z 38 L 2023 B 38 L 2024 D 37 K 2025 F 37 K 2019 T 40 N 2020 V 40 N 2021 X 38 L 2022 Z 38 M 2023 B 38 L 2024 D 38 L 2025 F 39 M 2019 T 42 P 2020 V 41 O 2021 X 41 O 2022 Z 40 N 2023 B 41 O 2024 D 44 R 2025 F 42 P 2021 X 42 P 2022 Z 44 R 2023 B 44 R 2024 D 44 R 2025 F 44 R 2019 T 44 R 2020 V 44 R 2021 X 44 R 2022 Z 44 R 2023 B 44 R 2024 D 44 R 2025 F 44 R 2019 T 44 R 2020 V 44 R 2021 X 44 R 2022 Z 44 R 2023 B 44 R 2024 D 44 R 2025 F 44 R 2019 T 44 R 2020 V 44 R 2021 X 44 R 2022 Z 44 R 2023 B 44 R 2024 D 44 R 2025 F 45 S 2021 X 45 S 2021 X 45 S 2022 Z 46 T 2023 B 47 U 2024 D 48 V 2025 F 48 V 2019 T 46 T 2020 | | | _ | | _ | _ | | _ | | | | | _ | | | | | | | _ | | | | | |
| 2019 T 32 F 2020 V 32 F 2021 X 32 F 2022 Z 32 F 2023 B 32 F 2024 D 32 F 2025 F 32 F 2019 T 33 G 2020 V 34 H 2021 X 34 H 2022 Z 34 H 2023 B 33 G 2024 D 33 G 2025 F 33 G 2019 T 35 I 2020 V 35 I 2021 X 35 I 2022 Z 35 I 2023 B 35 I 2024 D 34 H 2025 F 35 I 2019 T 36 J 2020 V 36 J 2021 X 36 J 2022 Z 36 J 2023 B 36 J 2024 D 36 J 2025 F 36 J 2019 T 37 K 2020 V 37 K 2021 X 38 L 2022 Z 37 K 2023 B 36 J 2024 D 36 J 2025 F 36 J 2019 T 38 L 2020 V 38 L 2021 X 38 L 2022 Z 37 K 2023 B 37 K 2024 D 37 K 2025 F 38 L 2019 T 39 M 2020 V 39 M 2021 X 38 L 2022 Z 38 L 2023 B 38 L 2024 D 37 K 2025 F 38 L 2019 T 40 N 2020 V 40 N 2021 X 40 N 2022 Z 40 N 2023 B 38 L 2024 D 38 L 2025 F 39 M 2019 T 42 P 2020 V 41 O 2021 X 41 O 2022 Z 41 O 2023 B 41 O 2024 D 41 O 2025 F 41 O 2019 T 44 R 2020 V 44 R 2021 X 43 Q 2022 Z 44 R 2023 B 44 R 2024 D 44 R 2025 F 44 R 2019 T 44 R 2020 V 44 R 2021 X 44 R 2022 Z 44 R 2023 B 44 R 2024 D 44 R 2025 F 44 R 2019 T 44 R 2020 V 45 S 2021 X 44 R 2022 Z 44 R 2023 B 44 R 2024 D 44 R 2025 F 44 R 2019 T 44 R 2020 V 45 S 2021 X 44 R 2022 Z 44 R 2023 B 44 R 2024 D 46 T 2025 F 44 R 2019 T 44 R 2020 V 45 S 2021 X 45 S 2022 Z 44 R 2023 B 44 R 2024 D 46 T 2025 F 44 R 2019 T 45 S 2020 V 45 S 2021 X 45 S 2022 Z 45 S 2023 | | | | | | | | _ | | | | | | | _ | | _ | | | | | | - | | |
| 2019 T 33 G 2020 V 33 G 2021 X 33 G 2021 X 33 G 2022 Z 34 H 2023 B 33 G 2024 D 33 G 2025 F 33 G 2019 T 34 H 2020 V 35 I 2021 X 35 I 2021 X 35 I 2022 Z 35 I 2023 B 36 J 2024 D 36 J 2025 F 34 H 2021 X 36 J 2021 X 36 J 2022 Z 36 J 2023 B 36 J 2024 D 36 J 2025 F 36 J 2019 T 37 K 2020 V 38 L 2021 X 38 L 2022 Z 37 K 2023 B 38 L 2024 D 36 J 2025 F 36 J 2029 J J J J J J J J J | | | | | _ | | | _ | | | | _ | | | | | | | | _ | | | | | |
| 2019 T 34 H 2020 V 34 H 2021 X 34 H 2022 Z 34 H 2023 B 34 H 2024 D 34 H 2025 F 34 H 2019 T 35 I 2020 V 35 I 2021 X 35 I 2022 Z 35 I 2023 B 35 I 2024 D 35 I 2025 F 35 I 2019 T 36 J 2020 V 36 J 2021 X 36 J 2022 Z 36 J 2023 B 36 J 2024 D 36 J 2025 F 36 J 2019 T 37 K 2020 V 38 L 2021 X 38 L 2022 Z 38 L 2023 B 37 K 2024 D 37 K 2025 F 38 L 2019 T 39 M 2020 V 39 M 2021 X 38 L 2022 Z 38 L 2023 B 38 L 2024 D 38 L 2025 F 38 L 2019 T 40 N 2020 V 40 N 2021 X 40 N 2022 Z 40 N 2023 B 39 M 2024 D 39 M 2025 F 39 M 2019 T 41 O 2020 V 41 O 2021 X 40 N 2022 Z 40 N 2023 B 41 O 2024 D 40 N 2025 F 40 N 2019 T 44 R 2020 V 44 R 2021 X 43 Q 2022 Z 42 P 2023 B 44 R 2024 D 43 Q 2025 F 43 Q 2019 T 44 R 2020 V 44 R 2021 X 44 R 2022 Z 44 R 2023 B 43 Q 2024 D 44 R 2025 F 43 Q 2019 T 44 R 2020 V 44 R 2021 X 44 R 2022 Z 44 R 2023 B 44 R 2024 D 44 R 2025 F 44 R 2019 T 45 S 2020 V 45 S 2021 X 45 S 2022 Z 46 T 2023 B 46 T 2024 D 47 U 2025 F 45 S 2025 F 45 S 2021 X 48 V 2021 X 48 V 2021 X 49 W 2022 Z 48 V 2023 B 48 V 2024 D 49 W 2025 F 49 W 2019 T 50 X 2020 V 45 Y 2021 X 49 W 2022 Z 48 V 2023 B 50 X 2024 D 51 Y 2025 F 50 X 2025 | | | _ | | | _ | | | | | | | | | | | | | | | | | | | |
| 2019 T 35 I 2020 V 35 I 2021 X 35 I 2022 Z 35 I 2023 B 35 I 2024 D 35 I 2025 F 36 J 2019 T 36 J 2020 V 36 J 2021 X 36 J 2022 Z 36 J 2023 B 36 J 2024 D 36 J 2025 F 36 J 2019 T 38 L 2020 V 38 L 2021 X 38 L 2022 Z 38 L 2023 B 37 K 2024 D 36 J 2025 F 36 J 2019 T 38 L 2020 V 39 M 2021 X 38 L 2022 Z 38 L 2023 B 37 K 2024 D 37 K 2025 F 37 K 2019 T 40 N 2020 V 40 N 2021 X 40 N 2022 Z 39 M 2023 B 38 L 2024 D 39 M 2025 F 38 L 2019 T 41 D 2020 V 41 D 2021 X 40 N 2022 Z 40 N 2023 B 38 L 2024 D 39 M 2025 F 38 L 2026 F 37 K 2029 Z 38 L 2024 D 39 M 2024 D 39 M 2025 F 38 L 2024 D 39 M 2025 F 38 L 2026 | | | | | _ | | | | | | | | | | | | | | | | | | | _ | |
| 2019 T 36 | | _ | _ | | _ | _ | | _ | _ | | | | | - | | | | | | | | | | | |
| 2019 T 37 K 2020 V 37 K 2021 X 37 K 2021 X 38 L 2022 Z 38 L 2023 B 37 K 2024 D 37 K 2025 F 37 K 2019 T 39 M 2020 V 39 M 2021 X 39 M 2021 X 39 M 2021 X 39 M 2022 Z 39 M 2023 B 38 L 2024 D 39 M 2025 F 38 L 2021 X 39 M 2021 X 40 N 2022 Z 40 N 2023 B 40 N 2024 D 39 M 2025 F 39 M 2021 X 41 O 2021 X 41 O 2021 X 41 O 2021 X 41 O 2021 X 42 P 2021 X 42 P 2021 X 43 Q 2022 Z 44 R 2021 X 45 S 2021 X 45 S 2021 X 45 S 2023 B 45 S 2024 D 45 S 2025 F 45 S 2021 X 48 V 2021 X 48 V 2021 X 48 V 2021 X 48 V 2021 X 49 W 2023 B 49 W 2024 D 49 W 2025 F 48 V 2025 F 50 X 2025 F 50 X 2025 F 51 Y 2025 | | | _ | | | | | _ | _ | | | | | | | | _ | | | | | | _ | | |
| 2019 T 38 L 2020 V 38 L 2021 X 38 L 2022 Z 38 L 2023 B 38 L 2024 D 38 L 2025 F 38 L 2019 T 40 N 2020 V 40 N 2021 X 40 N 2022 Z 40 N 2023 B 40 N 2024 D 39 M 2025 F 39 M 2021 X 40 N 2021 X 40 N 2022 Z 41 D 2023 B 41 D 2024 D 40 N 2025 F 40 N 2021 X 41 D 2021 X 42 P 2021 X 42 P 2021 X 42 P 2022 Z 41 D 2023 B 42 P 2024 D 43 Q 2025 F 43 Q 2021 X 44 R 2021 X 44 R 2021 X 45 S 2024 Z 45 S 2024 D 45 S 2025 F 45 S 2024 D 46 T 2024 D 46 T 2024 D 46 T 2024 D 47 U 2025 F 48 V 2024 D 47 U 2025 F 48 V 2021 X 48 V 2022 Z 48 V 2023 B 48 V 2024 D 46 T 2025 F 48 V 2024 D 46 T 2025 F 48 V 2024 D 48 V 2025 F 49 V 2024 D 48 V 2025 F 49 V 2024 D 48 V 2025 F 49 V 2025 F 50 X 2025 F 50 X 2025 F 50 X 2025 F 50 X 2025 F 51 Y 2025 | | | | | | | | _ | _ | | | | | | | | | | | | | | | | |
| 2019 T 39 M 2020 V 39 M 2021 X 39 M 2022 Z 39 M 2023 B 39 M 2024 D 39 M 2025 F 39 M 2019 T 41 O 2020 V 41 O 2021 X 41 O 2022 Z 41 O 2023 B 41 O 2024 D 40 N 2025 F 40 N 2019 T 42 P 2020 V 43 Q 2021 X 42 P 2021 X 43 Q 2022 Z 44 R 2019 T 44 R 2020 V 44 R 2021 X 44 R 2021 X 45 S 2021 X 45 S 2021 X 45 S 2021 X 46 T 2024 Z 47 U 2023 B 47 U 2024 D 46 T 2025 F 45 S 2021 X 48 V 2024 X 49 W 2019 T 48 V 2020 V 48 V 2021 X 48 V 2022 Z 48 V 2023 B 48 V 2024 D 46 T 2025 F 48 V 2021 X 48 V 2021 X 48 V 2022 Z 48 V 2023 B 47 U 2024 D 46 T 2025 F 48 V 2025 F 48 V 2021 X 49 W 2019 T 50 X 2020 V 51 Y 2021 X 51 Y 2022 Z 51 Y 2023 B 51 Y 2024 D 51 Y 2025 F 51 Y 2025 | | | | | | | | | | | | _ | | | | | | | | | | | | | |
| 2019 T 40 N 2020 V 40 N 2021 X 40 N 2022 Z 40 N 2023 B 40 N 2024 D 40 N 2025 F 40 N 2019 T 42 P 2020 V 42 P 2021 X 41 O 2022 Z 41 O 2023 B 41 O 2024 D 41 O 2025 F 41 O 2025 F 41 O 2021 X 42 P 2021 X 43 Q 2021 X 43 Q 2021 X 43 Q 2021 X 43 Q 2021 X 44 R 2021 X 45 S 2021 X 45 S 2021 X 45 S 2021 X 45 S 2024 D 45 S 2025 F 45 S 2019 T 46 T 2020 V 46 T 2021 X 46 T 2022 Z 47 U 2023 B 47 U 2024 D 46 T 2025 F 46 T 2021 T 48 V 2020 V 48 V 2021 X 49 W 2021 X 49 W 2021 X 49 W 2021 X 45 S 2023 B 49 W 2024 D 48 V 2025 F 48 V 2021 X 49 W 2019 T 50 X 2020 V 51 Y 2021 X 51 Y 2022 Z 51 Y 2023 B 51 Y 2024 D 51 Y 2025 F 50 X 2025 F 51 Y 2025 | | | | | | | | _ | _ | | | | | - | | | _ | | | | | | | | |
| 2019 T 41 O 2020 V 41 O 2021 X 41 O 2022 Z 41 O 2023 B 41 O 2024 D 41 O 2025 F 41 O 2029 O O O O O O O O O | | | | | | _ | | | | | | | | | | | | | | | | | _ | | _ |
| 2019 T 42 P 2020 V 43 Q 2021 X 43 Q 2021 X 44 R 2019 T 44 R 2020 V 45 S 2020 V 45 S 2019 T 46 T 2021 X 45 S 2019 T 47 U 2020 V 46 T 2019 T 47 U 2020 V 47 U 2021 X 48 V 2019 T 48 V 2019 T 49 W 2020 V 49 W 2021 X 49 W 2022 Z 49 W 2023 B 49 W 2024 D 49 W 2025 F 49 W 2026 F 50 X 2026 F 50 X 2029 F | | | _ | | _ | _ | | | | | | | | | | | | | | _ | | | | _ | |
| 2019 T 43 Q 2020 V 43 Q 2021 X 43 Q 2021 X 44 R 2019 T 44 R 2020 V 44 R 2019 T 45 S 2020 V 45 S 2019 T 46 T 2020 V 46 T 2019 T 46 T 2020 V 47 U 2019 T 48 V 2020 V 47 U 2019 T 48 V 2020 V 49 W 2019 T 50 X 2019 T 51 Y 2020 V 51 Y 2021 X 51 Y 2022 Z 51 Y 2022 Z 51 Y 2023 B 50 X 2023 B 50 X 2024 D 49 W 2025 F 50 X 2029 F 50 X 2029 F 50 X 2029 F 51 Y 2025 F 51 Y | | | _ | | | _ | | | | | | | | | | | _ | | | | | | | | _ |
| 2019 T 44 R 2020 V 44 R 2021 X 44 R 2022 Z 44 R 2023 B 44 R 2024 D 44 R 2025 F 44 R 2019 T 45 S 2020 V 45 S 2021 X 45 S 2021 X 45 S 2022 Z 45 S 2023 B 45 S 2024 D 45 S 2025 F 45 S 2029 T 47 U 2020 V 47 U 2021 X 48 V 2021 X 48 V 2021 X 48 V 2021 X 48 V 2021 X 49 W 2021 X | | _ | _ | | _ | _ | | _ | _ | | | | _ | | | | _ | | | | | | | | |
| 2019 T 45 S 2020 V 45 S 2021 X 45 S 2021 X 45 S 2021 X 46 T 2021 X 46 T 2021 X 46 T 2021 X 47 U 2021 X 47 U 2021 X 48 V 2021 X 48 V 2021 X 48 V 2021 X 49 W 2019 T 50 X 2020 V 50 X 2021 X 50 X 2022 X 51 Y 2023 B 51 Y 2024 D 51 Y 2025 F 51 Y | | | _ | | _ | _ | | _ | _ | | | | | - | _ | | | | | | | | _ | | |
| 2019 T 46 T 2020 V 46 T 2021 X 46 T 2021 X 46 T 2022 Z 46 T 2023 B 46 T 2024 D 46 T 2025 F 46 T 2019 T 47 U 2020 V 48 V 2021 X 48 V 2021 X 48 V 2021 X 49 W 2019 T 50 X 2020 V 50 X 2021 X 50 X 2021 X 51 Y 2021 X 51 Y 2022 Z 51 Y 2023 B 51 Y 2024 D 51 Y 2025 F 50 X 2025 F 50 X 2026 F 51 Y 2025 F 50 X 2026 F 51 Y 2025 F 51 Y | | | | | | | | | | | | | | | | | | | | | | | _ | | |
| 2019 T 47 U 2020 V 48 V 2021 X 49 W 2021 X 49 W 2021 X 49 W 2021 X 49 W 2021 X 50 X 2021 X 50 X 2021 X 51 Y 2021 X 51 Y 2022 Z 51 Y 2023 B 51 Y 2024 D 51 Y 2025 F 51 Y 2025 F 51 Y | | _ | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 T 48 V 2020 V 48 V 2021 X 48 V 2021 X 48 V 2021 X 49 W 2021 X 50 X 2021 X 50 X 2021 X 50 X 2021 X 51 Y 2021 X 51 Y 2021 X 51 Y 2022 Z 51 Y 2023 B 51 Y 2024 D 51 Y 2025 F 51 Y 2025 F 51 Y | | | _ | | | | | _ | _ | | | | | | | | | | | _ | | | | | |
| 2019 T 49 W 2020 V 49 W 2021 X 49 W 2021 X 49 W 2021 X 50 X 2021 X 50 X 2021 X 50 X 2021 X 51 Y 2022 Z 51 Y 2023 B 51 Y 2024 D 51 Y 2025 F 51 Y | | _ | | | | _ | | _ | | | | | _ | - | | | | | | | | | | | _ |
| 2019 T 51 Y 2020 V 51 Y 2021 X 51 Y 2022 Z 51 Y 2023 B 51 Y 2024 D 51 Y 2025 F 51 Y | | 49 | W | | 49 | W | 2021 X | | W | 2022 | Z | 49 | W | | В | 49 | W | 2024 | D | 49 | W | | F | 49 | W |
| | 2019 T | 50 | Χ | 2020 V | 50 | Х | 2021 X | 50 | Х | 2022 | Ζ | 50 | X | 2023 | В | 50 | Χ | 2024 | D | 50 | Х | 2025 | F | <u>5</u> 0 | Х |
| 2019 T 52 Z 2020 V 52 Z 2021 X 52 Z 2021 X 52 Z 2021 X 52 Z 2021 X 52 Z 2022 Z 52 Z 2023 B 52 Z 2024 D 52 Z 2025 F 52 Z | 2019 T | 51 | Υ | 2020 V | 51 | Υ | 2021 X | 51 | Υ | 2022 | Z | 51 | Υ | 2023 | В | 51 | Υ | 2024 | D | 51 | Υ | 2025 | F | 51 | Υ |
| | 2019 T | 52 | Z | 2020 V | 52 | Z | 2021 X | 52 | Z | 2022 | Z | 52 | Z | 2023 | В | 52 | Z | 2024 | D | 52 | Z | 2025 | F | 52 | Z |





Appendix II (For One Character Shortened DateCode)

- 1. For package types with very limited marking space, a one digit alpha code will be used to represent a unique year and month combination.
- 2. The date code sequence below begins with x for Jan 2019; it may begin again with z in Oct 2024.
- 3. When reporting date codes in B2B reports and in barcode label preparation for package types with shortened date code markings, as a minimum, the date code must be translated to numeric equivalent plus fab location, plus assembly code as explained on section 5.0. For example if a part is assembled at GTK using wafers from MagnaChip and has 8 as date code, the correct date code format to be entered in B2B and barcode label is 1948GG, 1949GG, 1950GG, 1951GG, 1952GG. Use the actual workweek of assembly.

| Year | Month | Week | |
|------|-------|--------|---|
| 2018 | Apr | W14-17 | 0 |
| 2018 | May | W18-21 | р |
| 2018 | Jun | W22-26 | q |
| 2018 | Jul | W27-30 | r |
| 2018 | Aug | W31-34 | S |
| 2018 | Sep | W35-39 | t |
| 2018 | Oct | W40-43 | u |
| 2018 | Nov | W44-47 | ٧ |
| 2018 | Dec | W48-52 | W |
| 2019 | Jan | W01-04 | х |
| 2019 | Feb | W05-08 | у |
| 2019 | Mar | W09-13 | Z |
| 2019 | Apr | W14-17 | 0 |
| 2019 | May | W18-21 | 1 |
| 2019 | Jun | W22-26 | 2 |
| 2019 | Jul | W27-30 | 3 |
| 2019 | Aug | W31-34 | 4 |
| 2019 | Sep | W35-39 | 5 |
| 2019 | Oct | W40-43 | 6 |
| 2019 | Nov | W44-47 | 7 |
| 2019 | Dec | W48-52 | 8 |

| Year | Month | Week | |
|------|-------|--------|---|
| 2020 | Jan | W01-04 | 9 |
| 2020 | Feb | W05-08 | Α |
| 2020 | Mar | W09-13 | В |
| 2020 | Apr | W14-17 | С |
| 2020 | May | W18-21 | D |
| 2020 | Jun | W22-26 | Е |
| 2020 | Jul | W27-30 | F |
| 2020 | Aug | W31-34 | G |
| 2020 | Sep | W35-39 | Н |
| 2020 | Oct | W40-43 | I |
| 2020 | Nov | W44-47 | J |
| 2020 | Dec | W48-52 | K |
| 2021 | Jan | W01-04 | L |
| 2021 | Feb | W05-08 | М |
| 2021 | Mar | W09-13 | N |
| 2021 | Apr | W14-17 | 0 |
| 2021 | May | W18-21 | Р |
| 2021 | Jun | W22-26 | Q |
| 2021 | Jul | W27-30 | R |
| 2021 | Aug | W31-34 | S |
| 2021 | Sep | W35-39 | Т |
| 2021 | Oct | W40-43 | U |
| 2021 | Nov | W44-47 | V |
| | | | |

| Year | Month | Week | |
|------|---------------------------------------|--------|---|
| 2022 | Jan | W01-04 | Х |
| 2022 | Feb | W05-08 | Υ |
| 2022 | Mar | W09-13 | Z |
| 2022 | Apr | W14-17 | а |
| 2022 | May | W18-21 | b |
| 2022 | Jun | W22-26 | С |
| 2022 | Jul | W27-30 | d |
| 2022 | Aug | W31-34 | е |
| 2022 | Sep | W35-39 | f |
| 2022 | Oct | W40-43 | g |
| 2022 | Nov | W44-47 | h |
| 2022 | Dec | W48-52 | i |
| 2023 | Jan | W01-04 | j |
| 2023 | Feb | W05-08 | k |
| 2023 | Mar | W09-13 | I |
| 2023 | Apr | W14-17 | m |
| 2023 | May | W18-21 | n |
| 2023 | Jun | W22-26 | 0 |
| 2023 | Jul | W27-30 | р |
| 2023 | Aug | W31-34 | q |
| 2023 | Sep | W35-39 | r |
| 2023 | Oct | W40-43 | s |
| 2023 | Nov | W44-47 | t |
| 2023 | Dec | W48-52 | u |
| | · · · · · · · · · · · · · · · · · · · | | |

Dec

2021

W48-52