

Information note

N° 021/22

Dear customer,

With this Infineon Technologies AG information note, we would like to inform you about the following

Change of the 2-character (“YW”) Date Code on Package Marking for International Rectifier (IR) Legacy Packages



On 16 April 2020, Infineon acquired Cypress. We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance. For further details, please visit our website: <https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Infineon Technologies AG

Postal address D-81726 München Internet www.infineon.com Headquarters Am Campeon 1-15, D-85579 Neubiberg Phone +49 (0)89 234-0
Chairman of the Supervisory Board Dr. Wolfgang Eder
Management Board Jochen Hanebeck (CEO), Constanze Hufenbecher, Dr. Sven Schneider, Andreas Urschitz, Dr. Rutger Wijburg
Registered office Neubiberg Commercial register Amtsgericht München HRB 12649

Information note

N° 021/22

- ▶ **Products affected** Please refer to attached affected product list 1_cip02122

- ▶ **Detailed change information**

Subject	Change of 2-character (“YW”) Date Code on Package Marking for IR Legacy Packages		
Reason	Standardization of the date code package marking format of IR Legacy products to Infineon Technologies (IFX) date code format		
Description	<u>Old</u>	<u>New</u>	
	2-character “YW” Date Code	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black;">■ Legacy IR Format</td> <td>■ IFX Standardized Format</td> </tr> </table>	■ Legacy IR Format
■ Legacy IR Format	■ IFX Standardized Format		

- ▶ **Product identification** External Traceability via New Date Code on Devices (Refer to 3_cip02122)

- ▶ **Impact of change** Optical Difference of Date Code Package Marking

- ▶ **Attachments**
 - 1_cip02122 Product List
 - 3_cip02122 Customer Information Package

- ▶ **Intended start of delivery** 1 August 2022

Note: Customers may receive both current and new date code package marking, as all existing inventory cannot be re-marked.

If you have any questions, please do not hesitate to contact your local sales office.

Change of 2-character (“YW”) Date Code on Package Marking for IR Legacy Packages

Customer Information Package
Information Note: 021/22



Objective and implementation duration

Objective

- › Standardization of the 2-character date code (“YW”) package marking format of International Rectifier (IR) Legacy products to Infineon Technologies (IFX) date code format

Implementation Duration:

- › By August 2022, this change would have been implemented for all packages.
- › During transition period, customers may receive both current and new date code package marking, as all existing inventory cannot be re-marked.

Existing and To-Be

- › All 2-character (“YW”) date code package marking shall be standardized into IFX format

	Existing (IR format)	To-Be (IFX format)																																																																																																																																																																																																																																																																																			
Date code package marking	<p>FOR FIRST HALF OF YEAR CALENAR WEEK 01 – 26:</p> <table border="1" data-bbox="363 402 892 657"> <thead> <tr> <th>YEAR</th> <th>“Y”</th> <th>CALENDAR WEEK</th> <th>“W”</th> </tr> </thead> <tbody> <tr><td>2020</td><td>0</td><td>01</td><td>A</td></tr> <tr><td>2021</td><td>1</td><td>02</td><td>B</td></tr> <tr><td>2022</td><td>2</td><td>03</td><td>C</td></tr> <tr><td>2023</td><td>3</td><td>04</td><td>D</td></tr> <tr><td>2024</td><td>4</td><td rowspan="5">↓</td><td rowspan="5">↓</td></tr> <tr><td>2025</td><td>5</td></tr> <tr><td>2026</td><td>6</td></tr> <tr><td>2027</td><td>7</td></tr> <tr><td>2028</td><td>8</td></tr> <tr><td>2029</td><td>9</td><td>24</td><td>X</td></tr> <tr><td>2030</td><td>0</td><td>25</td><td>Y</td></tr> <tr><td></td><td></td><td>26</td><td>Z</td></tr> </tbody> </table> <p>FOR SECOND HALF OF YEAR CALENAR WEEK 27 – 52:</p> <table border="1" data-bbox="363 710 892 966"> <thead> <tr> <th>YEAR</th> <th>“Y”</th> <th>CALENDAR WEEK</th> <th>“W”</th> </tr> </thead> <tbody> <tr><td>2020</td><td>K</td><td>27</td><td>A</td></tr> <tr><td>2021</td><td>A</td><td>28</td><td>B</td></tr> <tr><td>2022</td><td>B</td><td>29</td><td>C</td></tr> <tr><td>2023</td><td>C</td><td>30</td><td>D</td></tr> <tr><td>2024</td><td>D</td><td rowspan="5">↓</td><td rowspan="5">↓</td></tr> <tr><td>2025</td><td>E</td></tr> <tr><td>2026</td><td>F</td></tr> <tr><td>2027</td><td>G</td></tr> <tr><td>2028</td><td>H</td></tr> <tr><td>2029</td><td>J</td><td>50</td><td>X</td></tr> <tr><td>2030</td><td>K</td><td>51</td><td>Y</td></tr> <tr><td></td><td></td><td>52</td><td>Z</td></tr> </tbody> </table>	YEAR	“Y”	CALENDAR WEEK	“W”	2020	0	01	A	2021	1	02	B	2022	2	03	C	2023	3	04	D	2024	4	↓	↓	2025	5	2026	6	2027	7	2028	8	2029	9	24	X	2030	0	25	Y			26	Z	YEAR	“Y”	CALENDAR WEEK	“W”	2020	K	27	A	2021	A	28	B	2022	B	29	C	2023	C	30	D	2024	D	↓	↓	2025	E	2026	F	2027	G	2028	H	2029	J	50	X	2030	K	51	Y			52	Z	<table border="1" data-bbox="1033 380 1858 806"> <thead> <tr> <th>Year</th> <th>“Y”</th> <th>Year</th> <th>“Y”</th> <th>Year</th> <th>“Y”</th> <th>WEEK</th> <th>WEEK</th> <th>WEEK</th> <th>WEEK</th> <th>WEEK</th> </tr> </thead> <tbody> <tr><td>2000</td><td>0</td><td>2010</td><td>0</td><td>2020</td><td>0</td><td>1</td><td>A</td><td>12</td><td>N</td><td>23</td><td>4</td><td>34</td><td>h</td><td>45</td><td>v</td></tr> <tr><td>2001</td><td>1</td><td>2011</td><td>1</td><td>2021</td><td>1</td><td>2</td><td>B</td><td>13</td><td>P</td><td>24</td><td>5</td><td>35</td><td>j</td><td>46</td><td>x</td></tr> <tr><td>2002</td><td>2</td><td>2012</td><td>2</td><td>2022</td><td>2</td><td>3</td><td>C</td><td>14</td><td>Q</td><td>25</td><td>6</td><td>36</td><td>k</td><td>47</td><td>y</td></tr> <tr><td>2003</td><td>3</td><td>2013</td><td>3</td><td>2023</td><td>3</td><td>4</td><td>D</td><td>15</td><td>R</td><td>26</td><td>7</td><td>37</td><td>l</td><td>48</td><td>z</td></tr> <tr><td>2004</td><td>4</td><td>2014</td><td>4</td><td>2024</td><td>4</td><td>5</td><td>E</td><td>16</td><td>S</td><td>27</td><td>a</td><td>38</td><td>n</td><td>49</td><td>8</td></tr> <tr><td>2005</td><td>5</td><td>2015</td><td>5</td><td>2025</td><td>5</td><td>6</td><td>F</td><td>17</td><td>T</td><td>28</td><td>b</td><td>39</td><td>p</td><td>50</td><td>9</td></tr> <tr><td>2006</td><td>6</td><td>2016</td><td>6</td><td>2026</td><td>6</td><td>7</td><td>G</td><td>18</td><td>U</td><td>29</td><td>c</td><td>40</td><td>q</td><td>51</td><td>2</td></tr> <tr><td>2007</td><td>7</td><td>2017</td><td>7</td><td>2027</td><td>7</td><td>8</td><td>H</td><td>19</td><td>V</td><td>30</td><td>d</td><td>41</td><td>r</td><td>52</td><td>3</td></tr> <tr><td>2008</td><td>8</td><td>2018</td><td>8</td><td>2028</td><td>8</td><td>9</td><td>J</td><td>20</td><td>X</td><td>31</td><td>e</td><td>42</td><td>s</td><td>53</td><td>M</td></tr> <tr><td>2009</td><td>9</td><td>2019</td><td>9</td><td>2029</td><td>9</td><td>10</td><td>K</td><td>21</td><td>Y</td><td>32</td><td>f</td><td>43</td><td>t</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>11</td><td>L</td><td>22</td><td>Z</td><td>33</td><td>g</td><td>44</td><td>u</td><td></td><td></td></tr> </tbody> </table>	Year	“Y”	Year	“Y”	Year	“Y”	WEEK	WEEK	WEEK	WEEK	WEEK	2000	0	2010	0	2020	0	1	A	12	N	23	4	34	h	45	v	2001	1	2011	1	2021	1	2	B	13	P	24	5	35	j	46	x	2002	2	2012	2	2022	2	3	C	14	Q	25	6	36	k	47	y	2003	3	2013	3	2023	3	4	D	15	R	26	7	37	l	48	z	2004	4	2014	4	2024	4	5	E	16	S	27	a	38	n	49	8	2005	5	2015	5	2025	5	6	F	17	T	28	b	39	p	50	9	2006	6	2016	6	2026	6	7	G	18	U	29	c	40	q	51	2	2007	7	2017	7	2027	7	8	H	19	V	30	d	41	r	52	3	2008	8	2018	8	2028	8	9	J	20	X	31	e	42	s	53	M	2009	9	2019	9	2029	9	10	K	21	Y	32	f	43	t									11	L	22	Z	33	g	44	u		
YEAR	“Y”	CALENDAR WEEK	“W”																																																																																																																																																																																																																																																																																		
2020	0	01	A																																																																																																																																																																																																																																																																																		
2021	1	02	B																																																																																																																																																																																																																																																																																		
2022	2	03	C																																																																																																																																																																																																																																																																																		
2023	3	04	D																																																																																																																																																																																																																																																																																		
2024	4	↓	↓																																																																																																																																																																																																																																																																																		
2025	5																																																																																																																																																																																																																																																																																				
2026	6																																																																																																																																																																																																																																																																																				
2027	7																																																																																																																																																																																																																																																																																				
2028	8																																																																																																																																																																																																																																																																																				
2029	9	24	X																																																																																																																																																																																																																																																																																		
2030	0	25	Y																																																																																																																																																																																																																																																																																		
		26	Z																																																																																																																																																																																																																																																																																		
YEAR	“Y”	CALENDAR WEEK	“W”																																																																																																																																																																																																																																																																																		
2020	K	27	A																																																																																																																																																																																																																																																																																		
2021	A	28	B																																																																																																																																																																																																																																																																																		
2022	B	29	C																																																																																																																																																																																																																																																																																		
2023	C	30	D																																																																																																																																																																																																																																																																																		
2024	D	↓	↓																																																																																																																																																																																																																																																																																		
2025	E																																																																																																																																																																																																																																																																																				
2026	F																																																																																																																																																																																																																																																																																				
2027	G																																																																																																																																																																																																																																																																																				
2028	H																																																																																																																																																																																																																																																																																				
2029	J	50	X																																																																																																																																																																																																																																																																																		
2030	K	51	Y																																																																																																																																																																																																																																																																																		
		52	Z																																																																																																																																																																																																																																																																																		
Year	“Y”	Year	“Y”	Year	“Y”	WEEK	WEEK	WEEK	WEEK	WEEK																																																																																																																																																																																																																																																																											
2000	0	2010	0	2020	0	1	A	12	N	23	4	34	h	45	v																																																																																																																																																																																																																																																																						
2001	1	2011	1	2021	1	2	B	13	P	24	5	35	j	46	x																																																																																																																																																																																																																																																																						
2002	2	2012	2	2022	2	3	C	14	Q	25	6	36	k	47	y																																																																																																																																																																																																																																																																						
2003	3	2013	3	2023	3	4	D	15	R	26	7	37	l	48	z																																																																																																																																																																																																																																																																						
2004	4	2014	4	2024	4	5	E	16	S	27	a	38	n	49	8																																																																																																																																																																																																																																																																						
2005	5	2015	5	2025	5	6	F	17	T	28	b	39	p	50	9																																																																																																																																																																																																																																																																						
2006	6	2016	6	2026	6	7	G	18	U	29	c	40	q	51	2																																																																																																																																																																																																																																																																						
2007	7	2017	7	2027	7	8	H	19	V	30	d	41	r	52	3																																																																																																																																																																																																																																																																						
2008	8	2018	8	2028	8	9	J	20	X	31	e	42	s	53	M																																																																																																																																																																																																																																																																						
2009	9	2019	9	2029	9	10	K	21	Y	32	f	43	t																																																																																																																																																																																																																																																																								
						11	L	22	Z	33	g	44	u																																																																																																																																																																																																																																																																								

2-character ("YW") Date Code Package Marking (Examples SOT23-3)

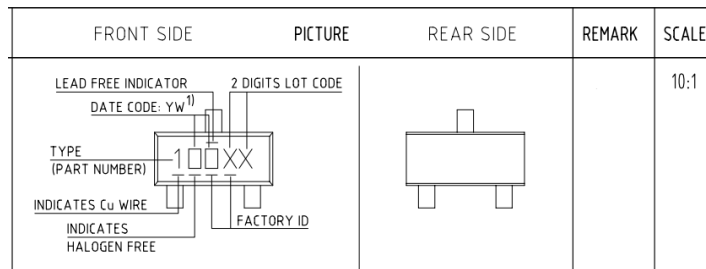
Package: SOT23-3

FOR FIRST HALF OF YEAR CALENDAR WEEK 01 - 26:

YEAR	"Y"	CALENDAR WEEK	"W"
2020	0	01	A
2021	1	02	B
2022	2	03	C
2023	3	04	D
2024	4		
2025	5		
2026	6		
2027	7		
2028	8		
2029	9		
2030	0	24	X
		25	Y
		26	Z

FOR SECOND HALF OF YEAR CALENDAR WEEK 27 - 52:

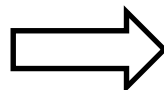
YEAR	"Y"	CALENDAR WEEK	"W"
2020	K	27	A
2021	A	28	B
2022	B	29	C
2023	C	30	D
2024	D		
2025	E		
2026	F		
2027	G		
2028	H		
2029	J		
2030	K	50	X
		51	Y
		52	Z



Year	"Y"	Year	"Y"	Year	"Y"	WEEK	WEEK	WEEK	WEEK	WEEK					
2000	0	2010	0	2020	0	1	A	12	N	23	4	34	h	45	v
2001	1	2011	1	2021	1	2	B	13	P	24	5	35	j	46	x
2002	2	2012	2	2022	2	3	C	14	Q	25	6	36	k	47	y
2003	3	2013	3	2023	3	4	D	15	R	26	7	37	l	48	z
2004	4	2014	4	2024	4	5	E	16	S	27	a	38	n	49	8
2005	5	2015	5	2025	5	6	F	17	T	28	b	39	p	50	9
2006	6	2016	6	2026	6	7	G	18	U	29	c	40	q	51	2
2007	7	2017	7	2027	7	8	H	19	V	30	d	41	r	52	3
2008	8	2018	8	2028	8	9	J	20	X	31	e	42	s	53	M
2009	9	2019	9	2029	9	10	K	21	Y	32	f	43	t		
						11	L	22	Z	33	g	44	u		

Y2025 W31 = 'EE'

**IR Format
(Existing)**



Y2025 W31 = '5e'

**IFX Format
(To-Be)**



Part of your life. Part of tomorrow.

INF 021/22

Standardization of the 2-character Date Code on Package Marking of Legacy IR Devices



Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
IR1161LTRPBF	SP001561092	IR1161LTRPBF	PG-SOT23-5	IR1161LTRPBF
IRF5801TRPBF	SP001570104	IRF5801TRPBF	PG-TSOP-6	IRF5801TRPBF
IRF5802TRPBF	SP001561828	IRF5802TRPBF	PG-TSOP-6	IRF5802TRPBF
IRF5803TRPBF	SP001564566	IRF5803TRPBF	PG-TSOP-6	IRF5803TRPBF
IRF7501TRPBF	SP001575316	IRF7501TRPBF	PG-TSSOP-8	IRF7501TRPBF
IRF7503TRPBF	SP001555496	IRF7503TRPBF	PG-TSSOP-8	IRF7503TRPBF
IRF7504TRPBF	SP001551428	IRF7504TRPBF	PG-TSSOP-8	IRF7504TRPBF
IRF7506TRPBF	SP001572092	IRF7506TRPBF	PG-TSSOP-8	IRF7506TRPBF
IRF7507TRPBF	SP001555486	IRF7507TRPBF	PG-TSSOP-8	IRF7507TRPBF
IRF7509TRPBF	SP001570444	IRF7509TRPBF	PG-TSSOP-8	IRF7509TRPBF
IRF7530TRPBF	SP001572074	IRF7530TRPBF	PG-TSSOP-8	IRF7530TRPBF
IRF7601TRPBF	SP001570552	IRF7601TRPBF	PG-TSSOP-8	IRF7601TRPBF
IRF7606TRPBF	SP001563726	IRF7606TRPBF	PG-TSSOP-8	IRF7606TRPBF
IRF7607TRPBF	SP001559966	IRF7607TRPBF	PG-TSSOP-8	IRF7607TRPBF
IRF7726TRPBF	SP001554380	IRF7726TRPBF	PG-TSSOP-8	IRF7726TRPBF
IRFHS8242TRPBF	SP001554858	IRFHS8242TRPBF	PG-TSDSON-6	IRFHS8242TRPBF
IRFHS8342TRPBF	SP001556608	IRFHS8342TRPBF	PG-TSDSON-6	IRFHS8342TRPBF
IRFHS9301TRPBF	SP001556616	IRFHS9301TRPBF	PG-TSDSON-6	IRFHS9301TRPBF
IRFHS9351TRPBF	SP001575834	IRFHS9351TRPBF	PG-TSDSON-6	IRFHS9351TRPBF
IRFML8244TRPBF	SP001566992	IRFML8244TRPBF	PG-SOT23-3	IRFML8244TRPBF
IRFTS8342TRPBF	SP001552394	IRFTS8342TRPBF	PG-TSOP-6	IRFTS8342TRPBF
IRFTS9342TRPBF	SP001571652	IRFTS9342TRPBF	PG-TSOP-6	IRFTS9342TRPBF
IRL100HS121	SP001592836	IRL100HS121	PG-TSDSON-6	IRL100HS121
IRL60HS118	SP001592258	IRL60HS118	PG-TSDSON-6	IRL60HS118
IRL80HS120	SP001592838	IRL80HS120	PG-TSDSON-6	IRL80HS120
IRLHS2242TRPBF	SP001568502	IRLHS2242TRPBF	PG-TSDSON-6	IRLHS2242TRPBF
IRLHS6242TRPBF	SP001573008	IRLHS6242TRPBF	PG-TSDSON-6	IRLHS6242TRPBF
IRLHS6276TRPBF	SP001552670	IRLHS6276TRPBF	PG-TSDSON-6	IRLHS6276TRPBF
IRLHS6342TRPBF	SP001573840	IRLHS6342TRPBF	PG-TSDSON-6	IRLHS6342TRPBF
IRLHS6376TRPBF	SP001573000	IRLHS6376TRPBF	PG-TSDSON-6	IRLHS6376TRPBF
IRLML0030TRPBF	SP001568604	IRLML0030TRPBF	PG-SOT23-3	IRLML0030TRPBF
IRLML0040TRPBF	SP001572982	IRLML0040TRPBF	PG-SOT23-3	IRLML0040TRPBF
IRLML0060TRPBF	SP001568948	IRLML0060TRPBF	PG-SOT23-3	IRLML0060TRPBF
IRLML0100TRPBF	SP001568612	IRLML0100TRPBF	PG-SOT23-3	IRLML0100TRPBF
IRLML2030TRPBF	SP001578662	IRLML2030TRPBF	PG-SOT23-3	IRLML2030TRPBF
IRLML2060TRPBF	SP001578644	IRLML2060TRPBF	PG-SOT23-3	IRLML2060TRPBF
IRLML2244TRPBF	SP001576936	IRLML2244TRPBF	PG-SOT23-3	IRLML2244TRPBF
IRLML2246TRPBF	SP001552690	IRLML2246TRPBF	PG-SOT23-3	IRLML2246TRPBF
IRLML2402TRPBF	SP001552710	IRLML2402TRPBF	PG-SOT23-3	IRLML2402TRPBF
IRLML2502TRPBF	SP001558336	IRLML2502TRPBF	PG-SOT23-3	IRLML2502TRPBF
IRLML2803TRPBF	SP001572964	IRLML2803TRPBF	PG-SOT23-3	IRLML2803TRPBF
IRLML5103TRPBF	SP001572946	IRLML5103TRPBF	PG-SOT23-3	IRLML5103TRPBF
IRLML5203TRPBF	SP001558846	IRLML5203TRPBF	PG-SOT23-3	IRLML5203TRPBF
IRLML6244TRPBF	SP001558344	IRLML6244TRPBF	PG-SOT23-3	IRLML6244TRPBF

IRLML6246TRPBF	SP001568932	IRLML6246TRPBF	PG-SOT23-3	IRLML6246TRPBF
IRLML6302TRPBF	SP001574060	IRLML6302TRPBF	PG-SOT23-3	IRLML6302TRPBF
IRLML6344TRPBF	SP001574050	IRLML6344TRPBF	PG-SOT23-3	IRLML6344TRPBF
IRLML6346TRPBF	SP001578770	IRLML6346TRPBF	PG-SOT23-3	IRLML6346TRPBF
IRLML6401TRPBF	SP001577044	IRLML6401TRPBF	PG-SOT23-3	IRLML6401TRPBF
IRLML6402TRPBF	SP001552740	IRLML6402TRPBF	PG-SOT23-3	IRLML6402TRPBF
IRLML9301TRPBF	SP001568914	IRLML9301TRPBF	PG-SOT23-3	IRLML9301TRPBF
IRLML9303TRPBF	SP001558866	IRLML9303TRPBF	PG-SOT23-3	IRLML9303TRPBF
IRLMS1503TRPBF	SP001550512	IRLMS1503TRPBF	PG-TSOP-6	IRLMS1503TRPBF
IRLMS1902TRPBF	SP001558856	IRLMS1902TRPBF	PG-TSOP-6	IRLMS1902TRPBF
IRLMS2002TRPBF	SP001567202	IRLMS2002TRPBF	PG-TSOP-6	IRLMS2002TRPBF
IRLMS5703TRPBF	SP001552748	IRLMS5703TRPBF	PG-TSOP-6	IRLMS5703TRPBF
IRLMS6702TRPBF	SP001578880	IRLMS6702TRPBF	PG-TSOP-6	IRLMS6702TRPBF
IRLMS6802TRPBF	SP001568566	IRLMS6802TRPBF	PG-TSOP-6	IRLMS6802TRPBF
IRLTS2242TRPBF	SP001553280	IRLTS2242TRPBF	PG-TSOP-6	IRLTS2242TRPBF
IRLTS6342TRPBF	SP001578898	IRLTS6342TRPBF	PG-TSOP-6	IRLTS6342TRPBF
IRS10752LTRPBF	SP001548482	IRS10752LTRPBF	PG-SOT23-6	IRS10752LTRPBF
IRS20752LTRPBF	SP001548576	IRS20752LTRPBF	PG-SOT23-6	IRS20752LTRPBF
IRS25751LTRPBF	SP001549902	IRS25751LTRPBF	PG-SOT23-5	IRS25751LTRPBF
IRS25752LTRPBF	SP001546636	IRS25752LTRPBF	PG-SOT23-6	IRS25752LTRPBF
IRS44273LTRPBF	SP001539392	IRS44273LTRPBF	PG-SOT23-5	IRS44273LTRPBF