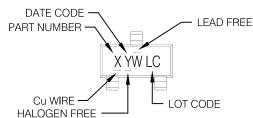
Micro3 (SOT-23 / TO-236AB) Notes: This part marking information applies to devices produced before 02/26/2001 WW = (1-26) IF PRECEDED BY LAST DIGIT OF CALENDAR YEAR EXAMPLE: THIS IS AN IRLML6302 WORK YEAR **WEEK** W 2001 1 01 Α PART NUMBER -02 В 2002 2 03 С 2003 3 1994 04 D DATE 1995 5 CODE 1996 6 7 1997 1998 8 1999 24 2000 0 Χ PART NUMBER CODE REFERENCE: 25 Υ Ζ 26 1A = IRLML24021B = IRLML2803 WW = (27-52) IF PRECEDED BY A LETTER 1C = IRLML6302**WORK** 1D = IRLML5103YEAR WEEK W 1E = IRLML64022001 27 Α 1F = IRLML6401 В 28 R 2002 1G = IRLML2502С 2003 С 29 1H = IRLML52031994 D 30 D 1995 Ε F 1996 1997 G DATE CODE EXAMPLES: 1998 Н YWW = 9503 = 5C1999 J YWW = 9532 = EF 2000 Κ 50 51 52 Ζ Micro3 (SOT-23 / TO-236AB) Lead - Free Notes: This part marking information applies to devices produced after 02/26/2001 W = (1-26) IF PRECEDED BY LAST DIGIT OF CALENDAR YEAR



X = PART NUMBER CODE REFERENCE:

S = IRLML6244A = IRLML2402B = IRLML2803T = IRLML6246

C = IRLML6302U = IRLML6344

D = IRLML5103V = IRLML6346

E = IRLML6402W = IRFML8244

X = IRLML2244F = IRLML6401

G = IRLML2502Y = IRLML2246Z = IRFML9244

H = IRLML5203

I = IRLML0030

J = IRLML2030

K = IRLML0100

L = IRLML0060

M = IRLML0040

N = IRLML2060

P = IRLML9301

R = IRLML9303

Note: A line above the work week (as shown here) indicates Lead - Free.

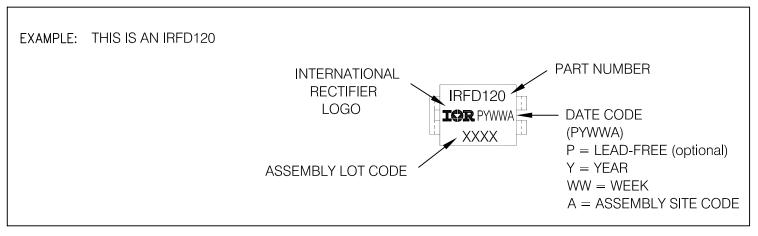
YE	AR	Υ	WORK WEEK	W
2011	2001	1	01	А
2012	2002	2	02	В
2013	2003	3	03	С
2014	2004	4	04	D
2015	2005	5		
2016	2006	6		
2017	2007	7		
2018	2008	8	1	1
2019	2009	9	7	7
2020	2010	0	24	X
	•		25	Υ
			26	Z

W = (27-52) IF PRECEDED BY A LETTER

YE	AR	Υ	WORK WEEK	W
2011	2001	А	27	Α
2012	2002	В	28	В
2013	2003	С	29	С
2014	2004	D	30	D
2015	2005	Ε		1
2016	2006	F		
2017	2007	G		
2018	2008	Н	1	1
2019	2009	J	V	1
2020	2010	K	50	Χ
	•		51	Υ
			52	Ζ

REVISED PER ESCN	APPROVED	PRINT NAME:	SIGN NAME:	DATE:	SHEET	DRAWING No.	VER.
52542	BY	Venkat lyer	Venkat Iyer	3/13/12	1/28	01-0041	37
						-	

HD-1 (HEXDIP)

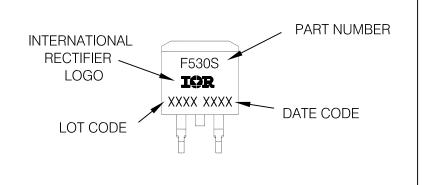


D² Pak (TO-263A) for GB Production

EXAMPLE: THIS IS AN IRF530S WITH

LOT CODE 8024

ASSEMBLED ON WW 02, 2000 IN THE ASSEMBLY LINE "L"



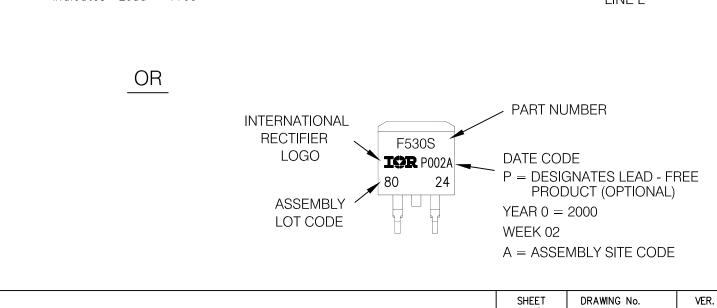
2/28

01 - 0041

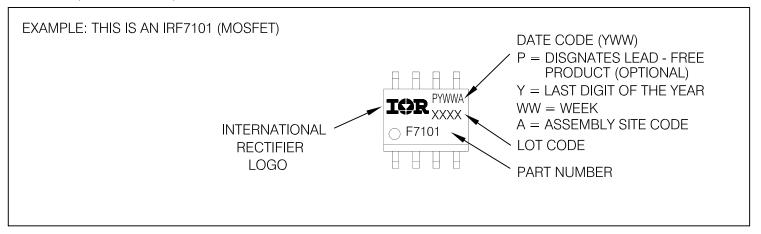
37

D² Pak (TO-263A) Lead - Free

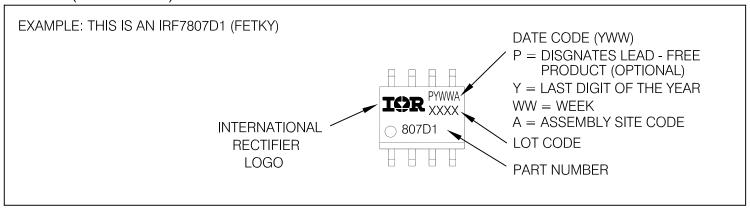




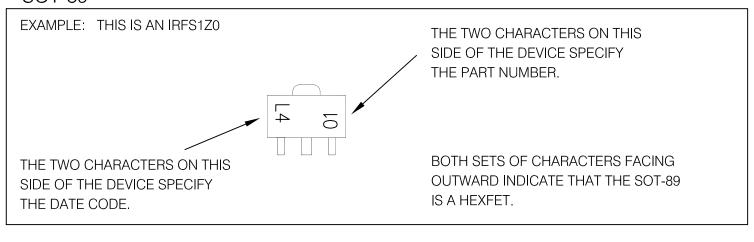
SO-8 (MS-012AA) Lead - Free



SO-8 (MS-012AA)



SOT-89



	SHEET	DRAWING No.	VER.
	3/28	01-0041	37
•			-

TO-220AB (Lead - Free)

EXAMPLE: THIS IS AN IRF1010

LOT CODE 1789

ASSEMBLED ON WW 19, 2000 IN THE ASSEMBLY LINE "C"

Note: "P" in assembly line position indicates "Lead - Free"

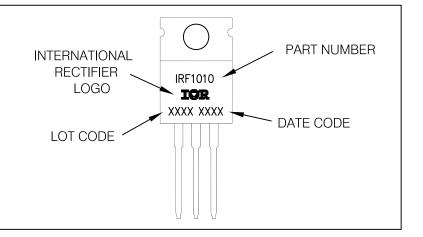
PART NUMBER INTERNATIONAL RECTIFIER . IRF1010 LOGO **IOR** 019C DATE CODE 89 YEAR 0 = 2000ASSEMBLY -WEEK 19 LOT CODE LINE C

TO-220AB (for GB Production)

EXAMPLE: THIS IS AN IRF1010

LOT CODE 1789

ASSEMBLED ON WW 19, 1997 IN THE ASSEMBLY LINE "C"



INTERNATIONAL

RECTIFIER .

PART NUMBER

37

01 - 0041

HEXFRED TO-220AB

EXAMPLE: THIS IS AN HFA16TA60C

LOT CODE 1789

ASSEMBLED ON WW 19, 2001 IN THE ASSEMBLY LINE "C"

Note: "P" in assembly line position

indicates "Lead - Free"

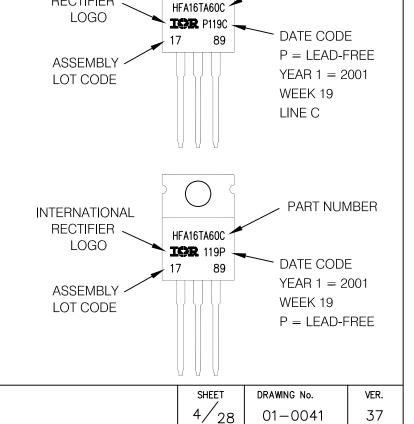
OR

EXAMPLE: THIS IS AN HFA16TA60C

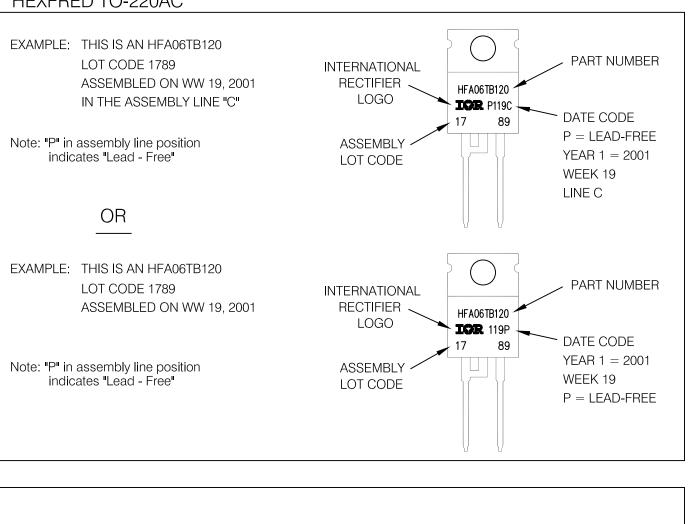
LOT CODE 1789

ASSEMBLED ON WW 19, 2001

Note: "P" in assembly line position indicates "Lead - Free"

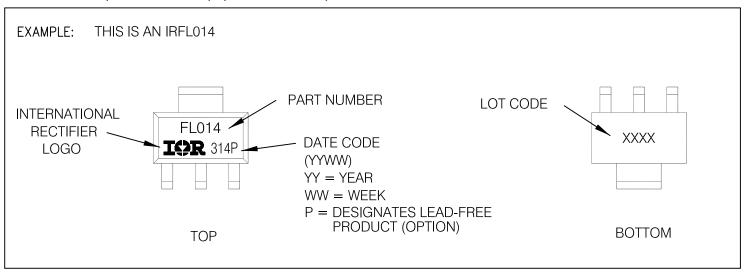


HEXFRED TO-220AC



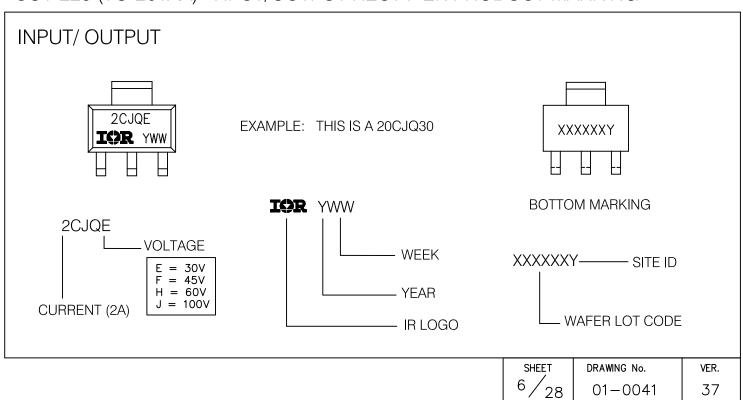
SHEET	DRAWING No.	VER.
5/28	01-0041	37

SOT-223 (TO-261AA) (Lead - Free) HEXFET PRODUCT MARKING





SOT-223 (TO-261AA) INPUT/OUTPUT RECTIFIER PRODUCT MARKING



TO-220 FULL-PAK

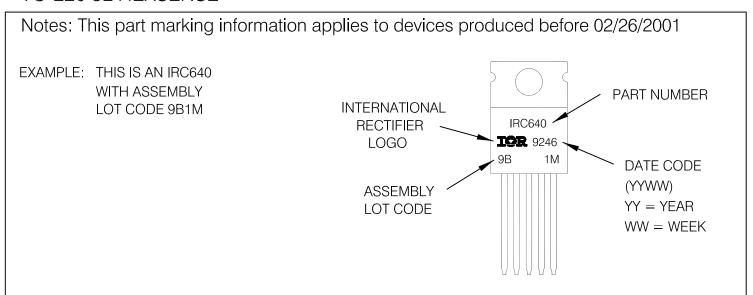
Notes: This part marking information applies to all devices produced before 02/26/2001 and currently for parts manufactured in GB. EXAMPLE: THIS IS AN IRFI840G WITH ASSEMBLY LOT CODE E401 PART NUMBER INTERNATIONAL IRFI840G RECTIFIER **IOR** LOGO E401 9245 DATE CODE ASSEMBLY (YYWW) LOT CODE YY = YEARWW = WEEK

TO-220 FULL-PAK (Lead - Free)

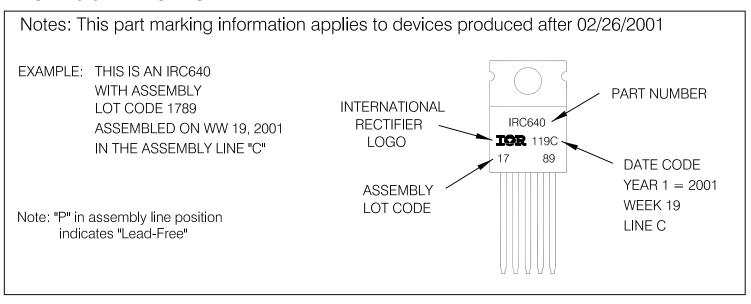
Notes: This part marking information applies to devices produced after 02/26/2001 in location other than GB. EXAMPLE: THIS IS AN IRFI840G WITH ASSEMBLY PART NUMBER LOT CODE 3432 INTERNATIONAL IRFI840G ASSEMBLED ON WW 24, 2001 RECTIFIER -**TOR** 124K IN THE ASSEMBLY LINE "K" LOGO 34 32 DATE CODE YEAR 1 = 2001**ASSEMBLY** Note: "P" in assembly line position WEEK 24 LOT CODE indicates "Lead-Free" LINE K

	SHEET	DRAWING No.	VER.	
	7/28	01-0041	37	
'				

TO-220 5L HEXSENSE



TO-220 5L HEXSENSE



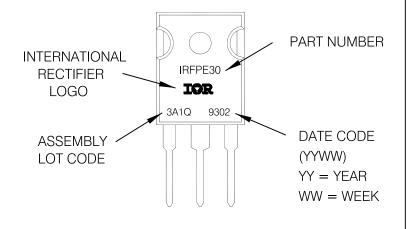
SHEET	DRAWING No.	VER.
8/28	01-0041	37

TO-247AC

Notes: This part marking information applies to devices produced before 02/26/2001 or for parts manufactured in GB.

EXAMPLE: THIS IS AN IRFPE30

WITH ASSEMBLY LOT CODE 3A1Q



TO-247AC (Lead - Free)

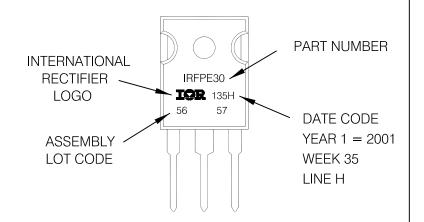
Notes: This part marking information applies to devices produced after 02/26/2001

EXAMPLE: THIS IS AN IRFPE30

WITH ASSEMBLY LOT CODE 5657

ASSEMBLED ON WW 35, 2001 IN THE ASSEMBLY LINE "H"

Note: "P" in assembly line position indicates "Lead-Free"



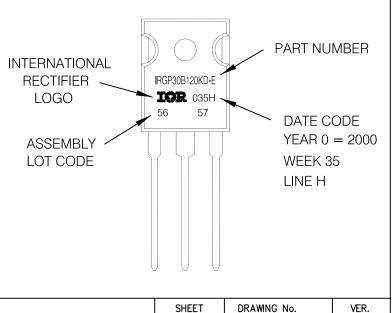
TO-247AD (Lead - Free)

EXAMPLE: THIS IS AN IRGP30B120KD-E

WITH ASSEMBLY LOT CODE 5657

ASSEMBLED ON WW 35, 2000 IN THE ASSEMBLY LINE "H"

Note: "P" in assembly line position indicates "Lead-Free"



SHEET DRAWING No. 9/28 01-0041

37

HEXFRED TO-247AC

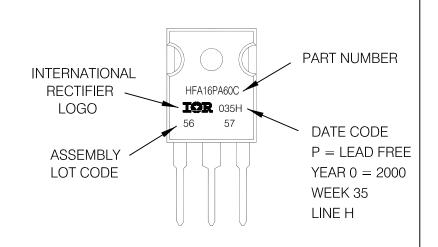
EXAMPLE: THIS IS AN HFA16PA60C

WITH ASSEMBLY LOT CODE 5657

ASSEMBLED ON WW 35, 2000 IN THE ASSEMBLY LINE "H"

Note: "P" in assembly line position

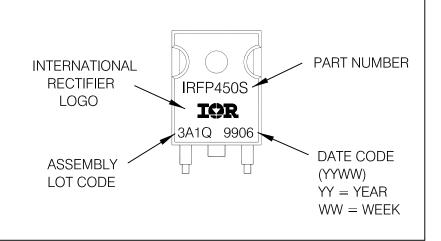
indicates "Lead-Free"



SMD-247

EXAMPLE: THIS IS AN IRFP450S WITH

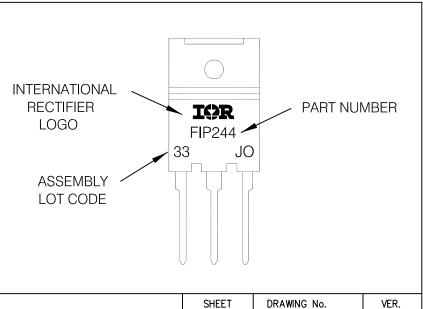
ASSEMBLY LOT CODE 3A1Q



TO-247 FULL-PAK

EXAMPLE: THIS IS AN IRFIP244

WITH ASSEMBLY LOT CODE 33JO



DRAWING No. SHEET 10/28 01 - 0041

37

TO-251AA (I-PAK)

Notes: This part marking information applies to devices produced before 02/26/2001

EXAMPLE: THIS IS AN IRFU120
WITH ASSEMBLY
LOT CODE 9U1P

INTERNATIONAL
RECTIFIER
LOGO
ASSEMBLY
LOT CODE

ASSEMBLY
LOT CODE

TO-251AA (I-PAK) Lead - Free

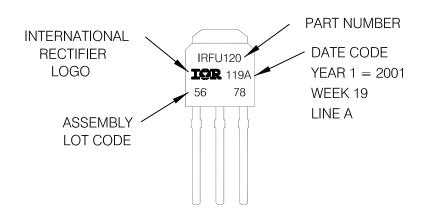
Notes: This part marking information applies to devices produced after 02/26/2001

EXAMPLE: THIS IS AN IRFU120

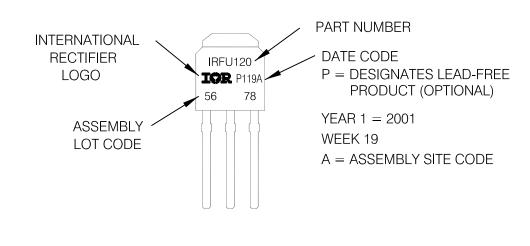
WITH ASSEMBLY LOT CODE 5678

ASSEMBLED ON WW 19, 2001 IN THE ASSEMBLY LINE "A"

Note: "P" in assembly line position indicates Lead-Free"



OR

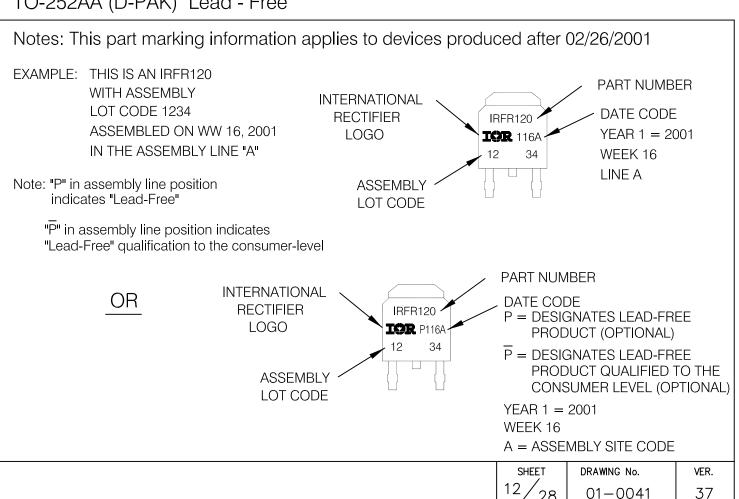


SHEET DRAWING No. VER. 11/28 01-0041 37

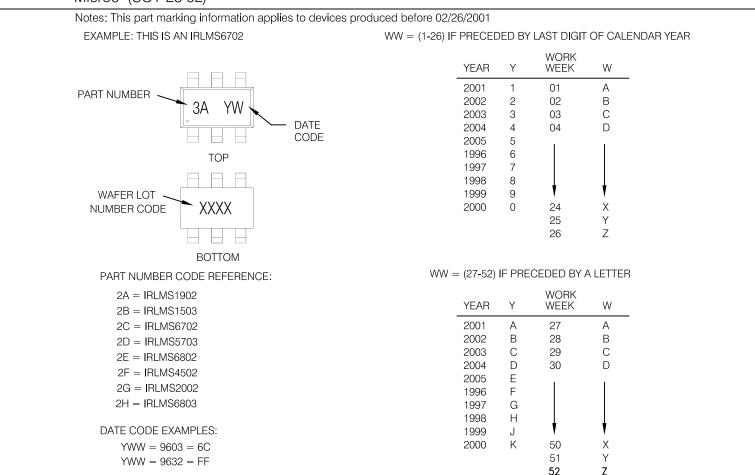
TO-252AA (D-PAK)

Notes: This part marking information applies to devices produced before 02/26/2001 EXAMPLE: THIS IS AN IRFR120 WITH ASSEMBLY LOT CODE 9U1P INTERNATIONAL DATE CODE RECTIFIER IRFR120 YEAR = 0LOGO **IOR** 016 WEEK = 169U 1P **ASSEMBLY** LOT CODE

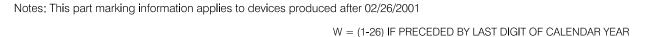
TO-252AA (D-PAK) Lead - Free

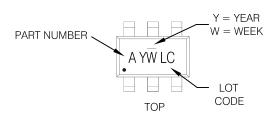


Micro6 (SOT-23 6L)



Micro6 (SOT-23 6L) Lead - Free





PART NUMBER CODE REFERENCE:

A = IRLMS1902

B = IRLMS1503

C = IRLMS6702

D = IRLMS5703

E = IRLMS6802

F = IRLMS4502

G = IRLMS2002

H = IRLMS6803

Note: A line above the work week (as shown here) indicates Lead-Free.

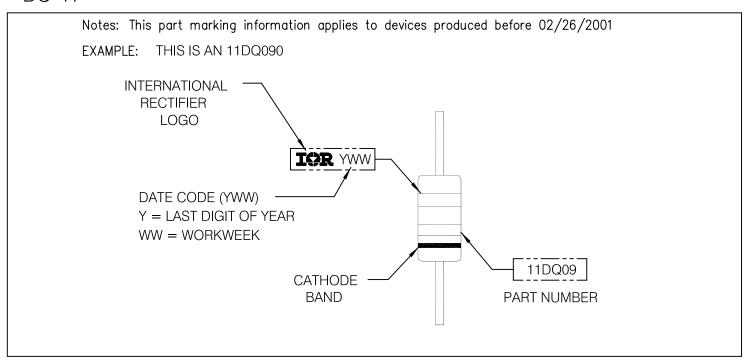
YE.	AR	Υ	WORK WEEK	W
2011	2001	1	01	Α
2012	2002	2	02	В
2013	2003	3	03	С
2014	2004	4	04	D
2015	2005	5		1
2016	2006	6		
2017	2007	7		
2018	2008	8	1	1
2019	2009	9	7	Ţ
2020	2010	0	24	Χ
	•		25	Υ
			26	Z

W = (27-52) IF PRECEDED BY A LETTER

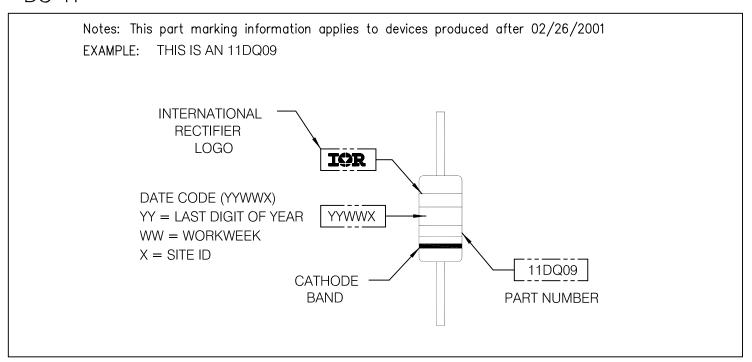
YE	AR	Υ	WORK WEEK	W
2011	2001	Α	27	А
2012	2002	В	28	В
2013	2003	С	29	С
2014	2004	D	30	D
2015	2005	Ε	1	1
2016	2006	F		
2017	2007	G		
2018	2008	Н	1	1
2019	2009	J	7	7
2020	2010	K	50	Χ
	•		51	Υ
			52	Z

SHEET	DRAWING No.	VER.
13/28	01-0041	37

DO-41

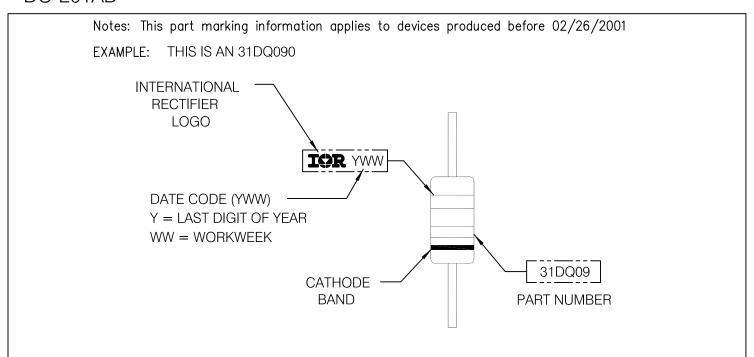


DO-41

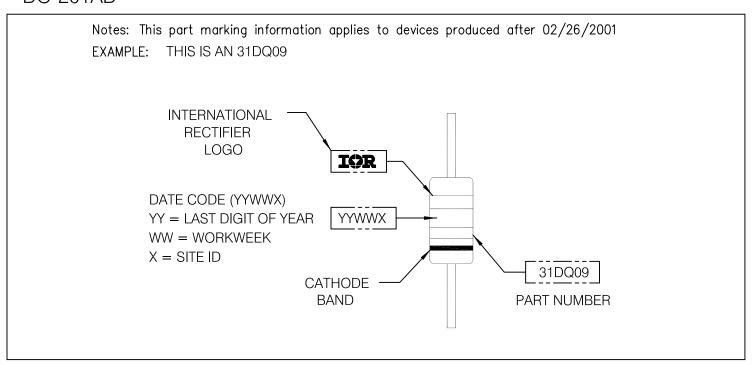


SHEET	DRAWING No.	VER.
$14/_{28}$	01-0041	37

DO-201AD

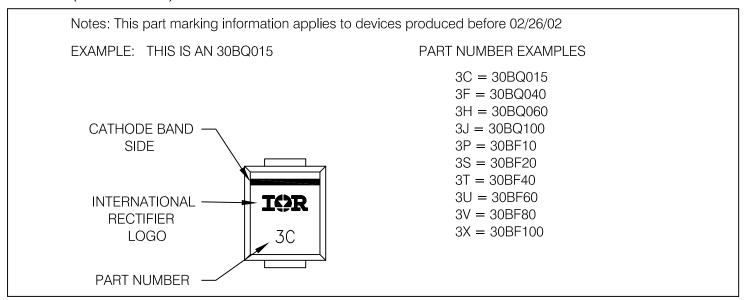


DO-201AD

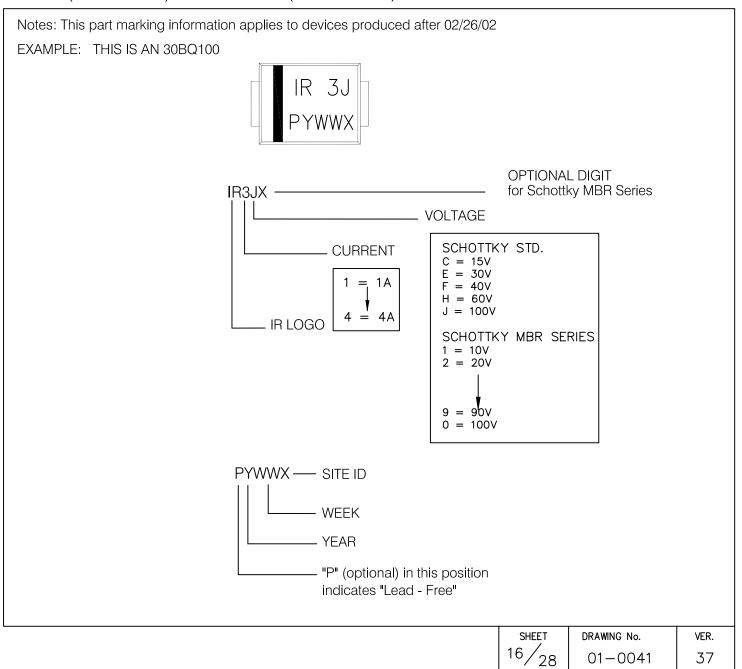


SHEET	DRAWING No.	VER.
$15/_{28}$	01-0041	37

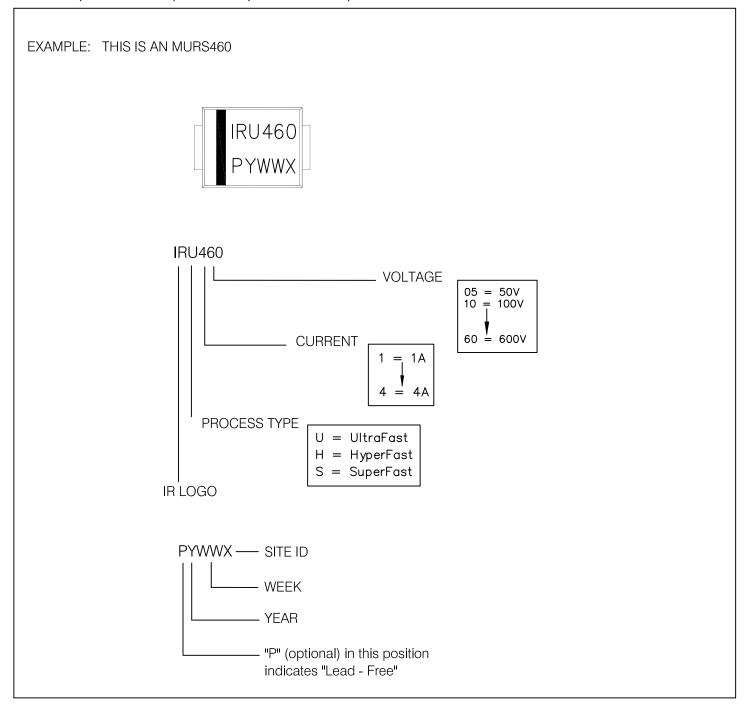
SMC (DO-214AB) SCHOTTKY



SMC (DO-214AB) SCHOTTKY (Lead - Free)

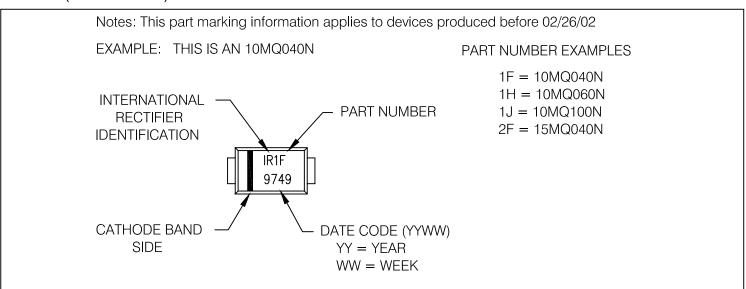


SMC (DO-214AB) FRED (Lead - Free)

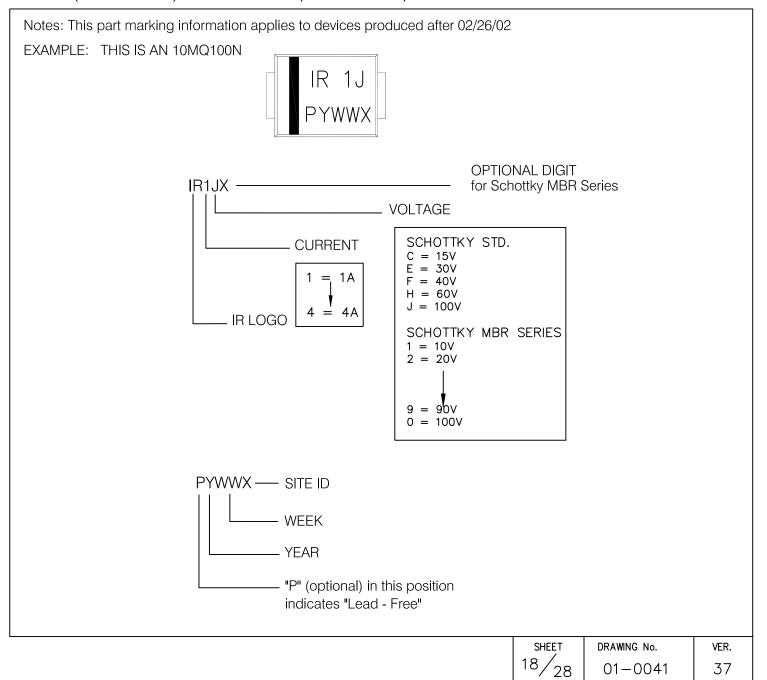


SHEET	DRAWING No.	VER.
$17/_{28}$	01-0041	37

SMA (DO-214AC) SCHOTTKY



SMA (DO-214AC) SCHOTTKY (Lead - Free)

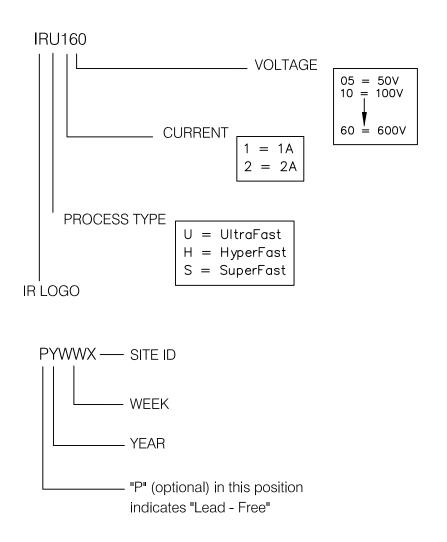


SMA (DO-214AC) FRED (Lead - Free)

EXAMPLE: THIS IS AN MURS160

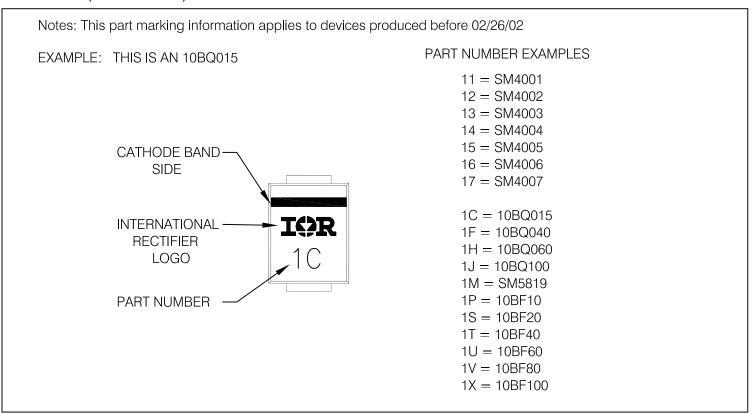


EXAMPLE: THIS IS A MURS160

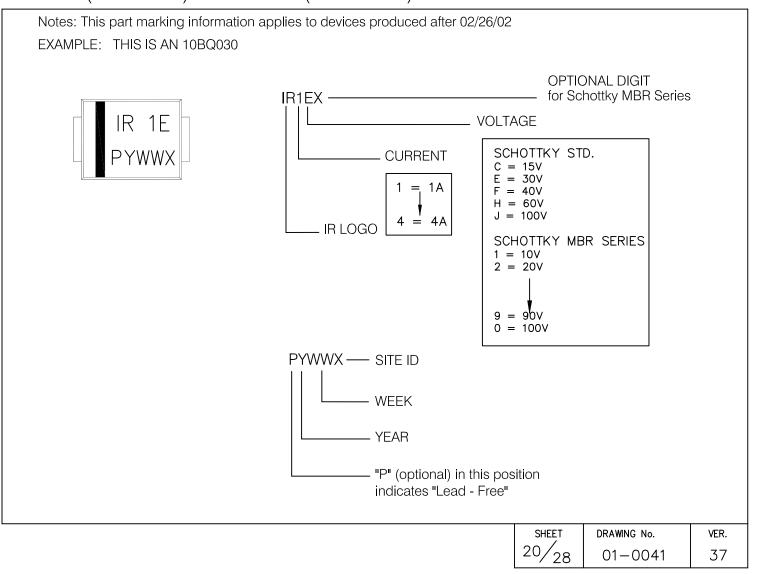


SHEET	DRAWING No.	VER.
$19/_{28}$	01-0041	37

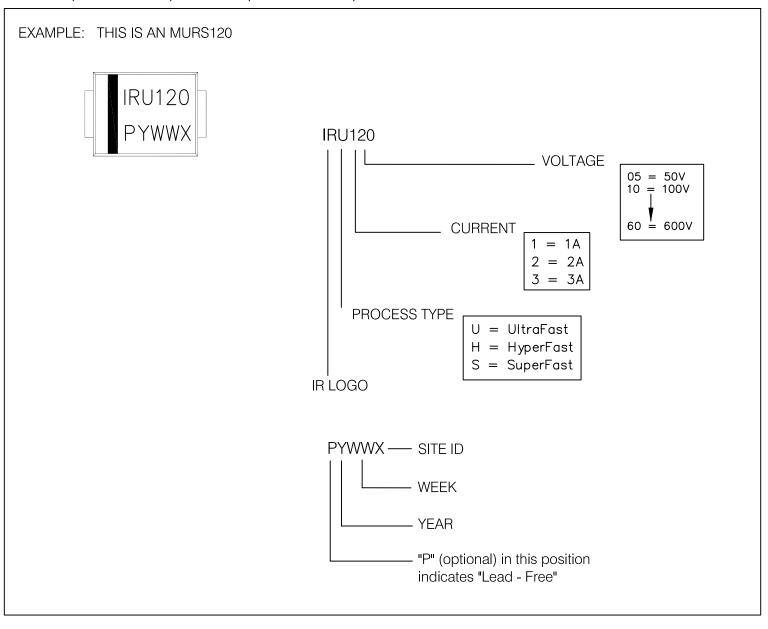
SMB (DO-214AA) SCHOTTKY



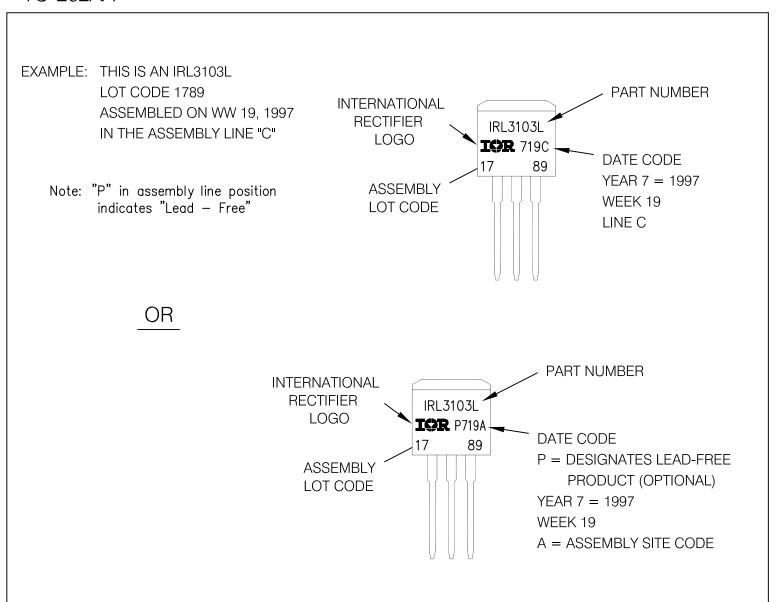
SMB (DO-214AA) SCHOTTKY (Lead - Free)



SMB (DO-214AA) FRED (Lead - Free)



SHEET 21/ ₂₈	DRAWING No.	VER.
21/2g	01-0041	37

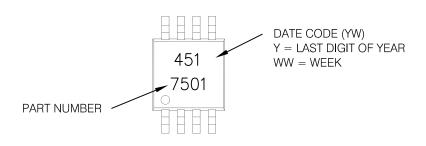


SHEET	DRAWING No.	VER.
22/28	01-0041	37

Micro8

Notes: This part marking information applies to devices produced before 02/26/2001

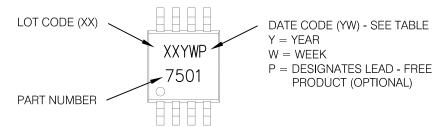
EXAMPLE: THIS IS AN IRF7501



Micro8 (Lead - Free)

Notes: This part marking information applies to devices produced after 02/26/2001

EXAMPLE: THIS IS AN IRF7501



W = (1-26) IF PRECEDED BY LAST DIGIT OF CALENDAR YEAR

YE.	AR	Υ	WORK WEEK	W
2011	2001	1	01	Α
2012	2002	2	02	В
2013	2003	3	03	С
2014	2004	4	04	D
2015	2005	5		1
2016	2006	6		
2017	2007	7		
2018	2008	8	1	1
2019	2009	9	▼	Y
2020	2010	0	24	X
			25	Υ
			26	Z

W = (27-52) IF PRECEDED BY A LETTER

YE	AR	Υ	WORK WEEK	W	
2011	2001	Α	27	Α	
2012	2002	В	28	В	
2013	2003	С	29	С	
2014	2004	D	30	D	
2015	2005	Е			
2016	2006	F			
2017	2007	G			
2018	2008	Н	1	1	
2019	2009	J	V	Y	
2020	2010	K	50	Χ	
			51	Υ	
			52	Z	

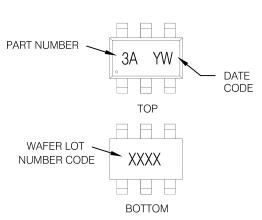
SHEET	DRAWING No.	VER.
23/ ₂₈	01-0041	37

TSOP6 (MO-193AA)

Notes: This part marking information applies to devices produced before 02/26/2001

EXAMPLE: THIS IS AN SI3443DV

WW = (1-26) IF PRECEDED BY LAST DIGIT OF CALENDAR YEAR



YEAR	Υ	WORK WEEK	W
2001	1	01	А
2002	2	02	В
2003	3	03	С
2004	4	04	D
2005	5		
1996	6		
1997	7		
1998	8	1	1
1999	9	7	V
2000	0	24	Χ
		25	Υ
		26	Z

PART NUMBER CODE REFERENCE:

3A = SI3443DV

3B = IRF5800

3C = IRF5850

3D = IRF5851

3E = IRF5852

3I = IRF5805

3J = IRF5806

DATE CODE EXAMPLES:

YWW = 9603 = 6C

YWW = 9632 = FF

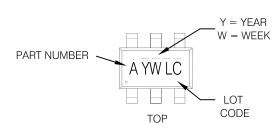
WW = (27-52) IF PRECEDED BY A LETTER

YEAR	Υ	WORK WEEK	W
2001	Α	27	A
2002	В	28	В
2003	С	29	С
2004	D	30	D
2005	Е		
1996	F		
1997	G		
1998	Н	1	
1999	J	V	V
2000	K	50	Χ
		51	Υ
		52	Z

TSOP6 (MO-193AA)

Notes: This part marking information applies to devices produced after 02/26/2001

W = (1-26) IF PRECEDED BY LAST DIGIT OF CALENDAR YEAR



PART NUMBER CODE REFERENCE:

A = SI3443DV

O = IRLTS6342TRPBF

B = IRF5800

P = IRFTS8342TRPBF

C = IRF5850

D = IRF5851

R = IRFTS9342TRPBFS = Not applicable

E = IRF5852

T = IRLTS2242TRPBF

F = IRF5801

G = IRF5803

H = IRF5804

I = IRF5805J = IRF5806

K = IRF5810

N = IRF5802

Note: A line above the work week (as shown here) indicates Lead-Free.

YE	AR	Υ	WORK WEEK	W	
2011	2001	1	01	Α	
2012	2002	2	02	В	
2013	2003	3	03	С	
2014	2004	4	04	D	
2015	2005	5		1	
2016	2006	6			
2017	2007	7			
2018	2008	8	1	1	
2019	2009	9	7	V	
2020	2010	0	24	X	
	•		25	Υ	
			26	Z	

W = (27-52) IF PRECEDED BY A LETTER

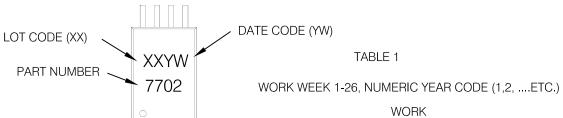
YE	AR	Υ	WORK WEEK	W
2011	2001	Α	27	А
2012	2002	В	28	В
2013	2003	С	29	С
2014	2004	D	30	D
2015	2005	Е	1	
2016	2006	F		
2017	2007	G		
2018	2008	Н	1	1
2019	2009	J		V
2020	2010	K	50	Χ
			51	Υ
			52	Z

SHEET	DRAWING No.	VER.
$24/_{28}$	01-0041	37

8L TSSOP (MO-153AA)

Notes: This part marking information applies to devices produced before 06/22/2005

EXAMPLE: THIS IS AN IRF7702



DATE CODE EXAMPLES:

9503 = 5C9532 = EF

	ΥE	AR	Υ	WORK WEEK	W
20	11	2001	1	01	А
20	12	2002	2	02	В
20	13	2003	3	03	С
20	14	2004	4	04	D
20	15	2005	5		1
20	16	2006	6		
20	17	2007	7		
20	18	2008	8		
20	19	2009	9	1	1
202	20	2010	0	24	Χ
				25	Υ
				26	Z

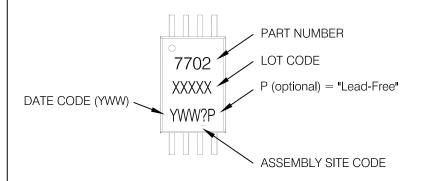
TABLE 2

WORK WEEK 27-52, ALPHANUMERIC YEAR CODE (A,B, ...ETC.)

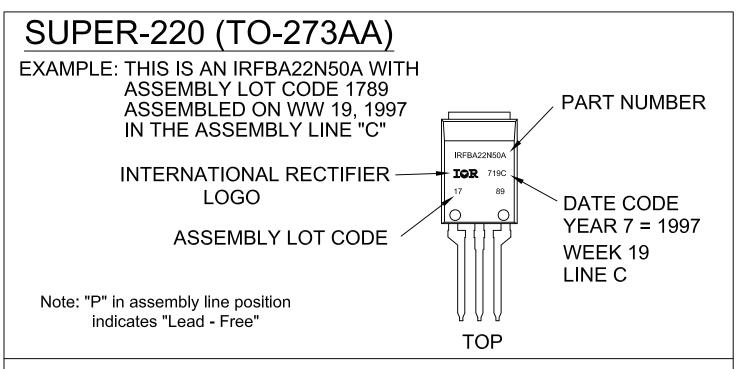
YE	AR	Υ	WORK WEEK	W
2011	2001	A	27	A
2012	2002	В	28	В
2013	2003	С	29	С
2014	2004	D	30	D
2015	2005	Е		1
2016	2006	F		
2017	2007	G		
2018	2008	Н		
2019	2009	J	1	1
2020	2010	K	50	Χ
	•		51	Υ
			52	Ζ

Notes: This part marking information applies to devices produced after 06/22/2005

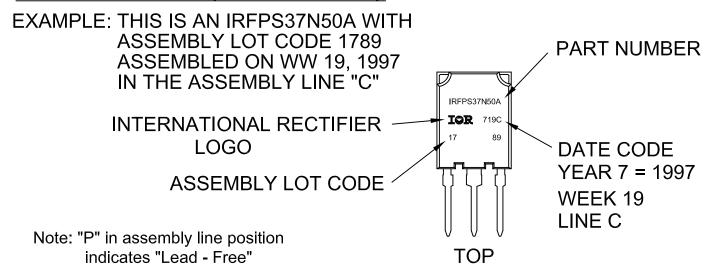
EXAMPLE: THIS IS AN IRF7702



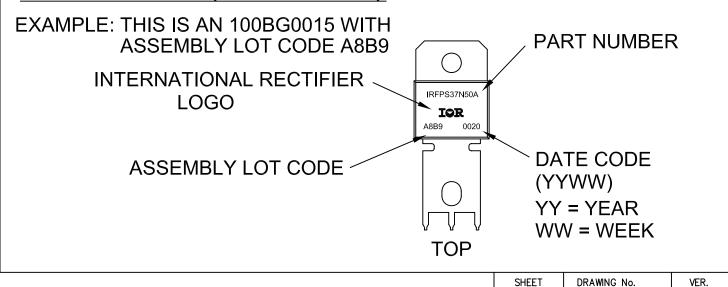
SHEET	DRAWING No.	VER.
$\frac{25}{28}$	01-0041	37



SUPER-247 (TO-274AA)



POWIRTAB (TO-275AA)



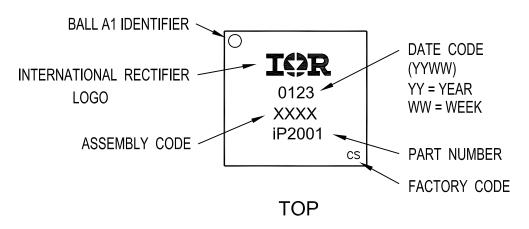
26/28

01 - 0041

37

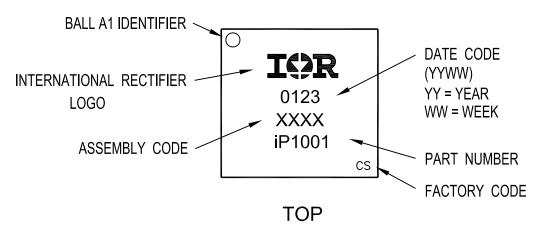
BGA (11 X 11 MM)

EXAMPLE: THIS IS AN iP2001



BGA (14 X 14 MM)

EXAMPLE: THIS IS AN iP1001

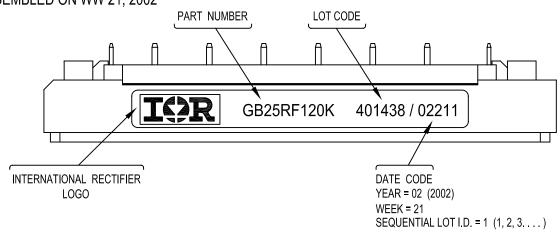


ECONO2

EXAMPLE: THIS IS A GB25RF120K

LOT CODE: 401438

ASSEMBLED ON WW 21, 2002

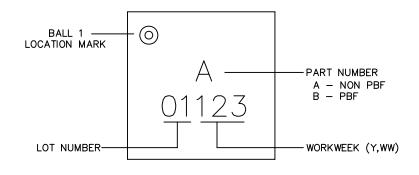


SHEET DRAWING No. VER. 27/28 01-0041 37

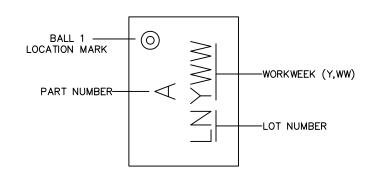
PART NUMBER CODE DEFINITION

PART	NUMBER
64-8025	A (marking layout A)
IRF6100	A (marking layout A)
IRF6100PBF	B (marking layout A)
IR0530CSPTR	C (marking layout B)
IR0530CSPTRPBF	D (marking layout B)
IR05H40CSPTR	E (marking layout B)
IR05H40CSPTRPBF	F (marking layout B)
IR130CSPTR	G (marking layout A)
IR130CSPTRPBF	H (marking layout A)
IR140CSP	l (marking layout A)
IR140CSPTR	l (marking layout A)
IR140CSPPBF	J (marking layout A)
IR140CSPTRPBF	J (marking layout A)
IR1H40CSPTR	K (marking layout A)
IR1H40CSPTRPBF	L (marking layout A)
IRF6156	P (marking layout A)

LAYOUT MARKING A



LAYOUT MARKING B



SHEET DRAWING No. VER. 28 28 01-0041 37