

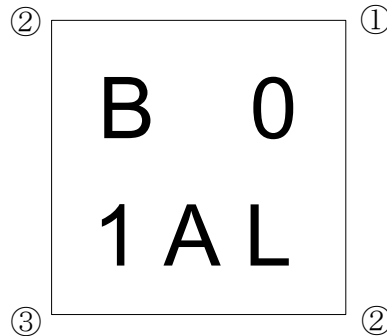
MITSUBISHI ELECTRIC CORPORATION

Technical Note.	Prepared by	T. Ishida	R	A	<i>T. Ishida</i>			
	Checked by	--	E					
	Approved by	K. Maemura	V		<i>K. Maemura</i>			
	DATE	'08-4/28			<i>'08-4/28</i>			

Marking manner of MITSUBISHI GaAs FET

[Leadless ceramic package] GD-26, 27

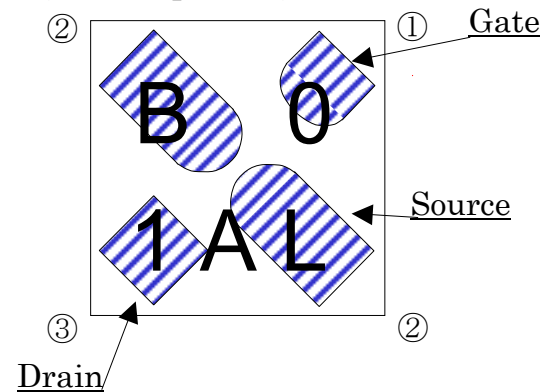
Top View



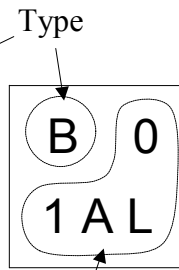
Electrodes direction:

- ① Gate
- ② Source
- ③ Drain

Terminal position
(from Top View)



Letter	Type
A	MGF4951A/52A
B	MGF4953A/54A
C	MGF1951A
D	MGF1952A
E	MGF1953A
F	MGF1954A
G	MGF4851A
J	MGF4953B



Manufacturing lot number



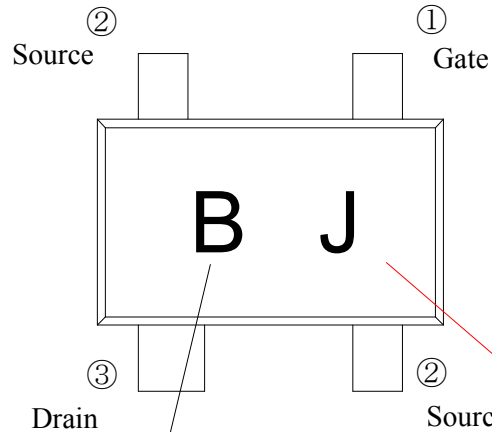
“01AL”: ‘0’ means year 2000. (8: 2008, 9: 2009, ...)

‘1’ means April (1:Apr. 2:May, ..., 9:Dec. X:Jan, Y:Feb, Z:Mar.)

‘AL’ means lot number in month. 'AA, AB, AC, AD ,...'

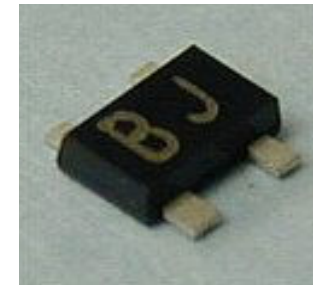
[4pin flat lead package] GD-30

Top View



Electrodes direction:

- ① Gate
- ② Source
- ③ Drain



Type

Letter	Type
A	MGF4931AM
B	MGF4934AM/BM
C	MGF4921AM
D	MGF4934CM
E	MGF4935AM

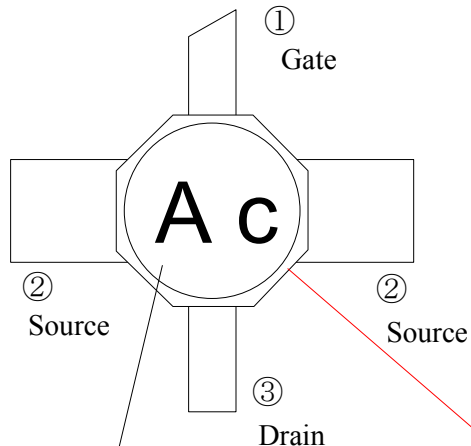
The production year and month

2008年		2009年		2010年		2011年		2012年	
Month	Symbol	Month	Symbol	Month	Symbol	Month	Symbol	Month	Symbol
Jan.	s	Jan.	9	Jan.	L	Jan.	Y	Jan.	s
Feb.	t	Feb.	0	Feb.	M	Feb.	Z	Feb.	t
Mar	u	Mar	A	Mar	N	Mar	a	Mar	u
Apr	v	Apr	B	Apr	P	Apr	b	Apr	v
May	1	May	C	May	Q	May	c	May	
Jun	2	Jun	D	Jun	R	Jun	d	Jun	back to "1"
Jul	3	Jul	E	Jul	S	Jul	e	Jul	
Aug	4	Aug	F	Aug	T	Aug	h	Aug	
Sep	5	Sep	G	Sep	U	Sep	k	Sep	
Oct	6	Oct	H	Oct	V	Oct	m	Oct	
Nov	7	Nov	J	Nov	W	Nov	n	Nov	
Dec	8	Dec	K	Dec	X	Dec	r	Dec	

Production year and month are indicated using numbers and alphabet.
Right side character rounds once 4 years.

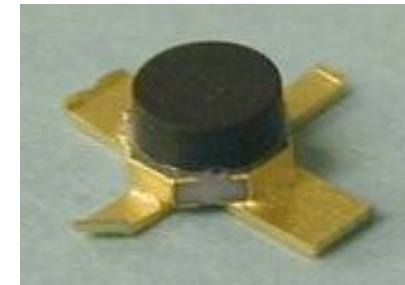
[micro-X package: MGF4961B] GD-31

Top View



Electrodes direction:

- ① Gate
- ② Source
- ③ Drain



Type

Letter	Type
A	MGF4961B
B	MGF1961A
C	MGF1962A
D	MGF1963A
E	MGF1964A

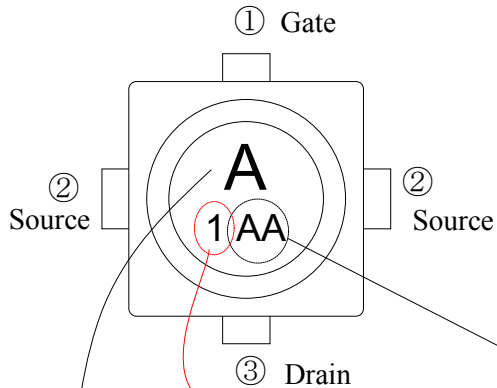
The production year and month

2008年		2009年		2010年		2011年		2012年	
Month	Symbol	Month	Symbol	Month	Symbol	Month	Symbol	Month	Symbol
Jan.	s	Jan.	9	Jan.	L	Jan.	Y	Jan.	s
Feb.	t	Feb.	0	Feb.	M	Feb.	Z	Feb.	t
Mar	u	Mar	A	Mar	N	Mar	a	Mar	u
Apr	v	Apr	B	Apr	P	Apr	b	Apr	v
May	1	May	C	May	Q	May	c	May	
Jun	2	Jun	D	Jun	R	Jun	d	Jun	back to "1"
Jul	3	Jul	E	Jul	S	Jul	e	Jul	
Aug	4	Aug	F	Aug	T	Aug	h	Aug	
Sep	5	Sep	G	Sep	U	Sep	k	Sep	
Oct	6	Oct	H	Oct	V	Oct	m	Oct	
Nov	7	Nov	J	Nov	W	Nov	n	Nov	
Dec	8	Dec	K	Dec	X	Dec	r	Dec	

Production year and month are indicated using numbers and alphabet.
Right side character rounds once 4 years.

[micro-X plastic package: MGF4941AL] GD-32

Top View



Electrodes direction:

- ① Gate
- ② Source
- ③ Drain



lot number in month. 'AA, AB, AC, AD ,,,,'

The production year and month

Letter	Type
A	MGF4941AL

2008年		2009年		2010年		2011年		2012年	
Month	Symbol	Month	Symbol	Month	Symbol	Month	Symbol	Month	Symbol
Jan.	s	Jan.	9	Jan.	L	Jan.	Y	Jan.	s
Feb.	t	Feb.	0	Feb.	M	Feb.	Z	Feb.	t
Mar	u	Mar	A	Mar	N	Mar	a	Mar	u
Apr	v	Apr	B	Apr	P	Apr	b	Apr	v
May	1	May	C	May	Q	May	c	May	
Jun	2	Jun	D	Jun	R	Jun	d	Jun	back to "1"
Jul	3	Jul	E	Jul	S	Jul	e	Jul	
Aug	4	Aug	F	Aug	T	Aug	h	Aug	
Sep	5	Sep	G	Sep	U	Sep	k	Sep	
Oct	6	Oct	H	Oct	V	Oct	m	Oct	
Nov	7	Nov	J	Nov	W	Nov	n	Nov	
Dec	8	Dec	K	Dec	X	Dec	r	Dec	

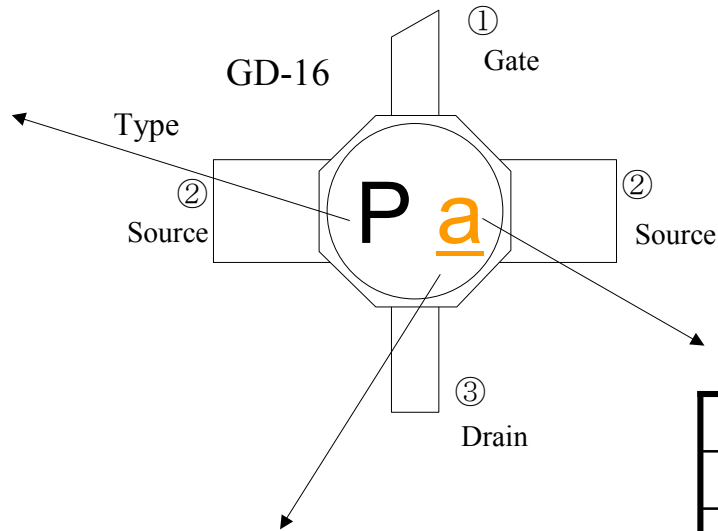
Production year and month are indicated using numbers and alphabet.
Right side character rounds once 4 years.

[micro-X package]

Left side character indicates the type number.
 Right side character, bottom bar and the color indicate manufacturing year and month.

Type	Symbol	Outline
MGF1302	A	GD-4
MGF1303B	G	
MGF1451A	T	
MGF1402B	J	GD-9
MGF1403B	L	
MGF1601B	E	GD-11
MGF1801B	D	
MGF1801BT	D	GD-24
MGF1907A	P	GD-16
MGF1908A	R	

Top View



Electrodes direction:

- ① Gate
- ② Source
- ③ Drain

Fiscal year

year	Symbol	year	Symbol
'90	g	'00	s
'91	h	'01	t
'92	j	'02	u
'93	k	'03	v
'94	l	'04	w
'95	m	'05	x
'96	n	'06	y
'97	p	'07	z
'98	q	'08	a
'99	r	'09	b

Bottom bar and color indicate manufacturing month

	Without bottom bar	With bottom bar
Blue	Apr.	Oct.
Orange	May	Nov.
Black	June	Dec.
Red	July	Jan.
Green	Aug.	Feb.
Brown	Sep.	Mar.

