

MAZDxxx Series

Silicon planar type

For constant voltage, constant current,
waveform clipper and surge absorption circuit

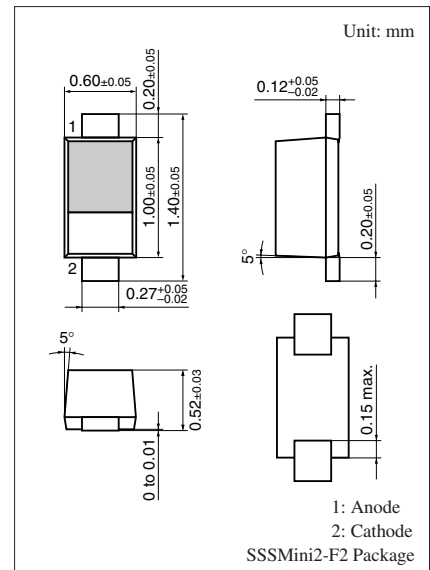
■ Features

- Low noise type

■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	Rating	Unit
Repetitive peak forward current	I_{FRM}	200	mA
Total power dissipation *	P_T	120	mW
Junction temperature	T_j	150	$^\circ\text{C}$
Storage temperature	T_{sig}	-55 to +150	$^\circ\text{C}$

Note) *: $P_{tot} = 100$ mW achieved with a printed circuit board



Marking Symbol

Refer to the list of the electrical
characteristics within part numbers

(Example) MAZD062: DF

■ Common Electrical Characteristics $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$ *1

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V_F	$I_F = 10$ mA		0.9	1.0	V
Zener voltage *2	V_Z	I_Z Specified value	Refer to the list of the electrical characteristics within part numbers			V
Zener operating resistance	R_Z	I_Z Specified value				Ω
Reverse current	I_R	V_R Specified value				μA

Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 measuring methods for diodes.

2. Absolute frequency of input and output is 5 MHz.

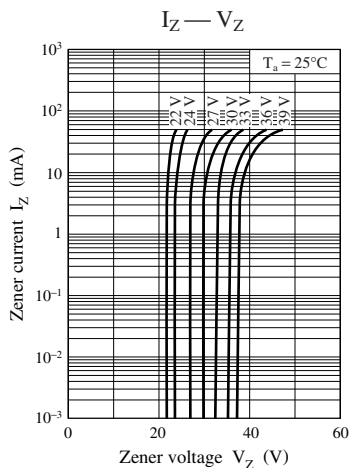
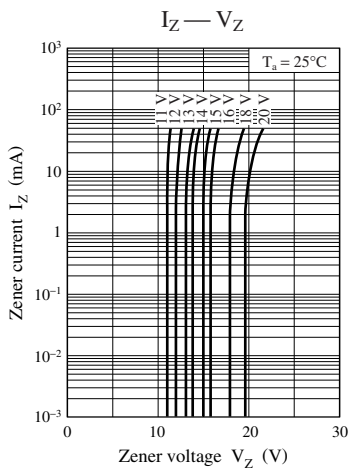
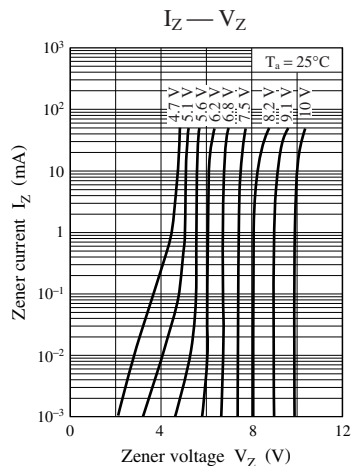
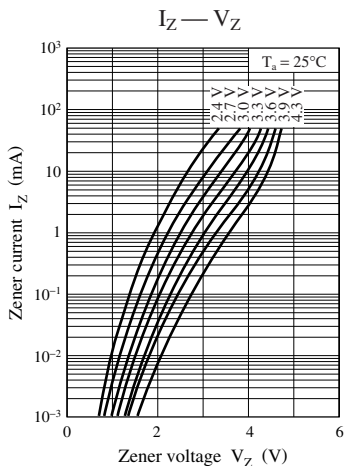
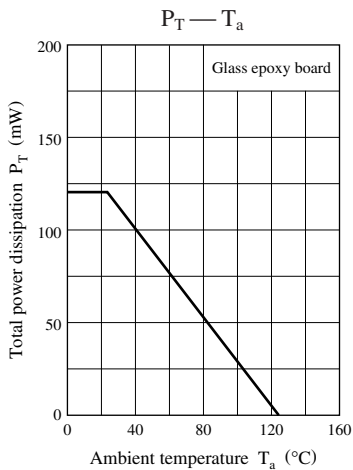
3. *1: The temperature must be controlled 25°C for V_Z measurement.

V_Z value measured at other temperature must be adjusted to $V_Z (25^\circ\text{C})$

*2: V_Z guaranteed 20 ms after current flow.

■ Electrical Characteristics within Part Numbers $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

Part number	Zener voltage V_Z (V)				Reverse current I_R (μA)		Zener operating resistance R_Z (Ω)		Marking symbol
	Min	Nom	Max	I_Z (mA)	Max	V_R (V)	Max	I_Z (mA)	
MAZD024	2.28	2.40	2.60	5	120	1.0	100	5	1F
MAZD027	2.50	2.70	2.90	5	120	1.0	110	5	2F
MAZD030	2.80	3.00	3.20	5	50	1.0	120	5	3F
MAZD033	3.10	3.30	3.50	5	20	1.0	130	5	4F
MAZD036	3.40	3.60	3.80	5	10	1.0	130	5	5F
MAZD039	3.70	3.90	4.10	5	10	1.0	130	5	6F
MAZD043	4.00	4.30	4.60	5	10	1.0	130	5	AF
MAZD047	4.40	4.70	5.00	5	2.0	1.0	80	5	H
MAZD051	4.80	5.10	5.40	5	1.0	2.0	60	5	BF
MAZD056	5.30	5.60	6.00	5	0.5	2.5	40	5	CF
MAZD062	5.80	6.20	6.60	5	0.2	4.0	30	5	DF
MAZD068	6.40	6.80	7.20	5	0.1	4.0	20	5	W
MAZD075	7.00	7.50	7.90	5	0.1	5.0	20	5	T
MAZD082	7.70	8.20	8.70	5	0.1	5.0	20	5	EF
MAZD091	8.50	9.10	9.60	5	0.1	6.0	20	5	FF
MAZD100	9.40	10.00	10.60	5	0.05	7.0	30	5	GF
MAZD110	10.40	11.00	11.60	5	0.05	8.0	30	5	JF
MAZD120	11.40	12.00	12.70	5	0.05	9.0	30	5	KF
MAZD130	12.40	13.00	14.10	5	0.05	10.0	35	5	LF
MAZD150	13.90	15.00	15.60	5	0.05	11.0	40	5	MF
MAZD160	15.30	16.00	17.10	5	0.05	12.0	50	5	NF
MAZD180	16.90	18.00	19.10	5	0.05	13.0	60	5	PF
MAZD200	18.80	20.00	21.20	5	0.05	15.0	80	5	RF
MAZD220	20.80	22.00	23.30	5	0.05	17.0	80	5	SF
MAZD240	22.80	24.00	25.60	5	0.05	19.0	100	5	UF
MAZD270	25.10	27.00	28.90	2	0.05	21.0	120	2	VF
MAZD300	28.00	30.00	32.00	2	0.05	23.0	160	2	XF
MAZD330	31.00	33.00	35.00	2	0.05	25.0	200	2	YF
MAZD360	34.00	36.00	38.00	2	0.05	27.0	250	2	ZF
MAZD390	37.00	39.00	41.00	2	0.05	30.0	300	2	7F



Request for your special attention and precautions in using the technical information and semiconductors described in this book

- (1) If any of the products or technical information described in this book is to be exported or provided to non-residents, the laws and regulations of the exporting country, especially, those with regard to security export control, must be observed.
- (2) The technical information described in this book is intended only to show the main characteristics and application circuit examples of the products, and no license is granted under any intellectual property right or other right owned by our company or any other company. Therefore, no responsibility is assumed by our company as to the infringement upon any such right owned by any other company which may arise as a result of the use of technical information described in this book.
- (3) The products described in this book are intended to be used for standard applications or general electronic equipment (such as office equipment, communications equipment, measuring instruments and household appliances).
Consult our sales staff in advance for information on the following applications:
 - Special applications (such as for airplanes, aerospace, automobiles, traffic control equipment, combustion equipment, life support systems and safety devices) in which exceptional quality and reliability are required, or if the failure or malfunction of the products may directly jeopardize life or harm the human body.
 - Any applications other than the standard applications intended.
- (4) The products and product specifications described in this book are subject to change without notice for modification and/or improvement. At the final stage of your design, purchasing, or use of the products, therefore, ask for the most up-to-date Product Standards in advance to make sure that the latest specifications satisfy your requirements.
- (5) When designing your equipment, comply with the range of absolute maximum rating and the guaranteed operating conditions (operating power supply voltage and operating environment etc.). Especially, please be careful not to exceed the range of absolute maximum rating on the transient state, such as power-on, power-off and mode-switching. Otherwise, we will not be liable for any defect which may arise later in your equipment.
 - Even when the products are used within the guaranteed values, take into the consideration of incidence of break down and failure mode, possible to occur to semiconductor products. Measures on the systems such as redundant design, arresting the spread of fire or preventing glitch are recommended in order to prevent physical injury, fire, social damages, for example, by using the products.
- (6) Comply with the instructions for use in order to prevent breakdown and characteristics change due to external factors (ESD, EOS, thermal stress and mechanical stress) at the time of handling, mounting or at customer's process. When using products for which damp-proof packing is required, satisfy the conditions, such as shelf life and the elapsed time since first opening the packages.
- (7) This book may be not reprinted or reproduced whether wholly or partially, without the prior written permission of Matsushita Electric Industrial Co., Ltd.

Notes for Handling RoHS compliant Discrete Semiconductors

RoHS (EU 2002/95/EC) status is stated on the <C3 label> which is on the outer box, inner boxes and reels.

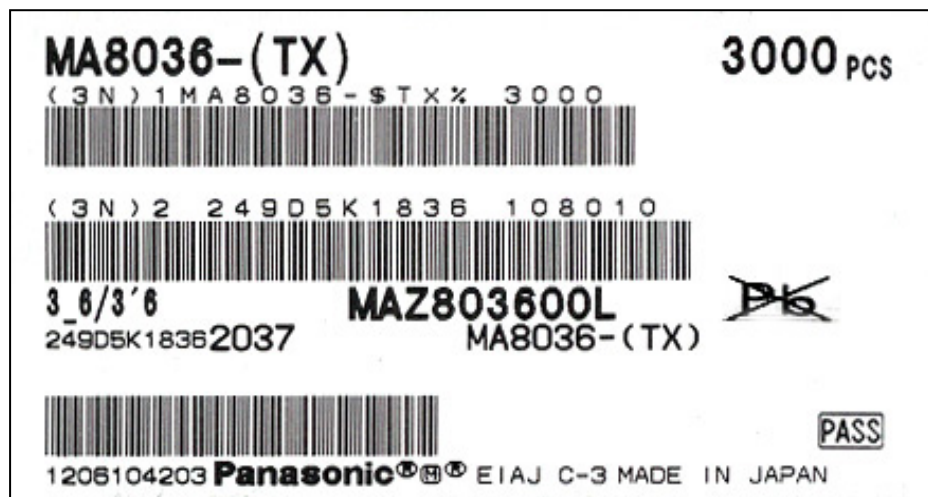
There is a "X" mark on the Pb character if it is RoHS compliant part, none-RoHS compliant part will show a Pb character without a "X".




Since it is not possible to state the RoHS status for each semiconductor part, it is difficult to distinguish its RoHS status once a box is opened and mixed together.

Please keep this in mind, that there are some parts which are not RoHS compliant part such as discontinued, maintenance and custom made type.

Therefore, it is highly recommended to keep RoHS compliant part away from non-RoHS compliant part.

Example of the <C3 label>



MA8036-(TX) **3000** pcs
(3N)1MA8036-\$TX% 3000

(3N)2 249D5K1836 108010

3_6/3'6 **MAZ803600L** ~~Pb~~
249D5K18362037 MA8036-(TX)

1206104203 **Panasonic** EIAJ C-3 MADE IN JAPAN **PASS**

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/ THD	MSL *2	Terminal Treatment
Switching Diodes	MA26111	ML2-N1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA27111	SSSMINI2-F2	SMD	1	Sn-2Bi Plating
Switching Diodes	MA2B150	DO-35-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2B162	DO-35-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2B162A	DO-35-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2B171	DO-35-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2C165	DO-34-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2C166	DO-34-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2C167	DO-34-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2C178	DO-34-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2C179	DO-34-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2C185	DO-34-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2C188	DO-34-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2C195	DO-34-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2C196	DO-34-A1	THD	1	Sn-1.5Cu Plating
Switching Diodes	MA2J111	SMini2-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA2J112	SMini2-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA2J113	SMini2-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA2J114	SMini2-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA2J115	SMini2-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA2J116	SMini2-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA2S101	SSMini2-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA2S111	SSMini2-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA2Z001	SMini2-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA36132E	ML3-N2	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3J142A	SMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3J142D	SMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3J142E	SMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3J142K	SMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3J143	SMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3J143A	SMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3J147	SMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3S132A	SSMini3-F2	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3S132D	SSMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3S132E	SSMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3S132K	SSMini3-F2	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3S133	SSMini3-F2	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3S137	SSMini3-F2	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X100	SMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X152A	Mini3-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X152D	Mini3-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X152E	Mini3-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X152K	Mini3-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X153	Mini3-G1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/ THD	MSL *2	Terminal Treatment
Switching Diodes	MA3X153A	Mini3-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X157A	Mini3-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X158	Mini3-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X198	Mini3-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA3X199	Mini3-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA4S111	SSMini4-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA4X159A	Mini4-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA4X160	Mini4-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA4X160A	Mini4-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA4X174	Mini4-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA4X193	Mini4-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA4X194	Mini4-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA4Z159	SMini4-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA5J002D	SMini5-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA5J002E	SMini5-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6X121	Mini6-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6X122	Mini6-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6X123	Mini6-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6X124	Mini6-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6X125	Mini6-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6X126	Mini6-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6X127	Mini6-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6X128	Mini6-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6X129	Mini6-G1	SMD	1	Sn-2Bi Plating
Switching Diodes	MA6Z121	SMini6-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MAS3132D	SSSMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MAS3132E	SSSMini3-F1	SMD	1	Sn-2Bi Plating
Switching Diodes	MAU2111	USSMini2-F1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: pscddsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/ THD	MSL *2	Terminal Treatment
Variable Capacitance Diodes	MA26077	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26304	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26376	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V01	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V02	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V03	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V04	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V05	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V07	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V09	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V11	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V12	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V13	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V14	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V15	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V16	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V17	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V19	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V20	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA26V22	ML3-N2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27077	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27331	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27376	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V01	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V02	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V03	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V04	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V05	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V07	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V09	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V11	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V12	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V13	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V14	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V15	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V16	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V17	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V18	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V19	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V20	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V21	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V22	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V23	SSSMini2-F1	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA27V25	SSSMini2-F1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/ THD	MSL *2	Terminal Treatment
Variable Capacitance Diodes	MA2C856	DO-34-A1	THD	1	Sn-1.5Cu Plating
Variable Capacitance Diodes	MA2C858	DO-34-A1	THD	1	Sn-1.5Cu Plating
Variable Capacitance Diodes	MA2C859	DO-34-A1	THD	1	Sn-1.5Cu Plating
Variable Capacitance Diodes	MA2S077	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2S304	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2S331	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2S376	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2SV01	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2SV02	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2SV03	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2SV04	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2SV05	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2SV07	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2SV09	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA2SV15	SSMini2-F2	SMD	1	Sn-2Bi Plating
Variable Capacitance Diodes	MA4X862	Mini4-G1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: psddsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/THD	MSL *2	Terminal Treatment
Rectifier Diodes	MA22F20	Mini2-F1	SMD	1	Sn-2Bi Plating
Rectifier Diodes	MA24F41	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Rectifier Diodes	MA24F70	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Rectifier Diodes	MA2B001	DO-35-A2	THD	1	Sn-1.5Cu Plating
Rectifier Diodes	MA2C029	DO-34-A2	THD	1	Sn-1.5Cu Plating
Rectifier Diodes	MA2C029Q	DO-34-A2	THD	1	Sn-1.5Cu Plating
Rectifier Diodes	MA2C029T	DO-34-A2	THD	1	Sn-1.5Cu Plating
Rectifier Diodes	MA2C029W	DO-34-A2	THD	1	Sn-1.5Cu Plating
Rectifier Diodes	MA2YF80	Mini2-F1	SMD	1	Sn-2Bi Plating
Rectifier Diodes	MA2Z030	SMini2-F1	SMD	1	Sn-2Bi Plating
Rectifier Diodes	MA2Z030W	SMini2-F1	SMD	1	Sn-2Bi Plating
Rectifier Diodes	MA3D649	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Rectifier Diodes	MA3D650	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Rectifier Diodes	MA3D652	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Rectifier Diodes	MA3D654	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Rectifier Diodes	MA3D690	TO-220D-B1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Rectifier Diodes	MA3U649	U-G2	SMD	1	Sn-2Bi Plating
Rectifier Diodes	MA3U649	U-A1	THD	1	Sn-2Bi Plating
Rectifier Diodes	MA3X028	Mini3-G1	SMD	1	Sn-2Bi Plating
Rectifier Diodes	MA3X028T	Mini3-G1	SMD	1	Sn-2Bi Plating
Rectifier Diodes	MA3X028W	Mini3-G1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: psddsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/THD	MSL *2	Terminal Treatment
Zener Diodes	MALM062H	SSMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MALS062	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MALS068	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MALS068X	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MALT062H	SSMini3-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MANV250GE	SMini2-F3	SMD	1	Sn-2Bi Plating
Zener Diodes	MAYK062D	Mini5-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAYS0750Y	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAYS0750Z	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ2051	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2056	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2062	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2068	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2075	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2082	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2091	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2100	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2110	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2120	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2130	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2150	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2160	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2180	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2200	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2220	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2240	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2270	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2300	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2330	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2360	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2390	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2430	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2470	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2510	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ2560	DO-41-A1	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ3024	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3027	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3030	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3033	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3036	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3039	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3043	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3047	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3051	Mini3-G1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/ THD	MSL *2	Terminal Treatment
Zener Diodes	MAZ3056	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3062	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3068	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3075	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3082	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3091	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3100	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3110	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3120	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3130	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3140	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3150	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3160	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3180	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3200	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3220	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3240	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3270	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3300	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3330	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ3360	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ4020	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4022	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4024	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4027	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4030	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4033	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4036	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4039	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4043	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4047	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4047N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4051	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4051N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4056	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4056N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4062	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4062N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4068	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4068N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4075	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4075N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4082	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4082N	DO-34-A2	THD	1	Sn-1.5Cu Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: psddsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/THD	MSL *2	Terminal Treatment
Zener Diodes	MAZ4091	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4091N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4100	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4100N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4110	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4110N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4120	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4120N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4130	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4130N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4140	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4140N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4150	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4150N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4160	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4160N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4180	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4180N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4200	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4200N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4220	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4220N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4240	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4240N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4270	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4270N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4300	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4300N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4330	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4330N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4360	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4360N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4390	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ4390N	DO-34-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7051	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7056	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7062	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7068	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7075	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7082	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7091	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7100	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7110	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7120	DO-41-A2	THD	1	Sn-1.5Cu Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/THD	MSL *2	Terminal Treatment
Zener Diodes	MAZ7130	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7150	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7160	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7180	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7200	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7220	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7240	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7270	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7300	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7330	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7360	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7390	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7430	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7470	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7510	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ7560	DO-41-A2	THD	1	Sn-1.5Cu Plating
Zener Diodes	MAZ8024	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8027	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8030	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8033	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8036	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8039	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8043	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8047	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8051	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8056	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8062	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8068	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8075	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8082	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8091	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8100	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8110	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8120	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8130	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8140	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8150	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8160	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8180	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8200	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8220	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8240	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8270	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8300	SMini2-F1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: psddsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/THD	MSL *2	Terminal Treatment
Zener Diodes	MAZ8330	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8360	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ8390	SMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ9062H	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ9068H	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZ9120H	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZA051	ML2-N1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZA056	ML2-N1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZA068	ML2-N1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZA082	ML2-N1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZB068H	SMini6-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZC062D	Mini3-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD051	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD056	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD062	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD068	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD075	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD082	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD091	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD100	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD110	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD120	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD160	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD180	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD200	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD220	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD240	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD270	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD300	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZD360	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZE062D	SMini3-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZL068H	Mini5-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZL082H	Mini5-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZL120H	Mini5-G1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZM062H	SSMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZM068H	SSMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZM082H	SSMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZM100H	SSMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZM120H	SSMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZP068H	ML3-N2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZP082H	ML3-N2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZQ062	USSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZQ068	USSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS024	SSMini2-F1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/THD	MSL *2	Terminal Treatment
Zener Diodes	MAZS027	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS030	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS033	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS036	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS039	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS043	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS047	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS051	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS056	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS062	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS068	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS075	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS082	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS091	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS100	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS110	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS120	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS130	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS150	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS160	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS180	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS200	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS220	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS240	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS270	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS300	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS330	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS360	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZS390	SSMini2-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZT062H	SSMini3-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZT068H	SSMini3-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZT082H	SSMini3-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZT100H	SSMini3-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZT120H	SSMini3-F2	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZW062H	SSSMini3-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZW068H	SSSMini3-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZW082H	SSSMini3-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZW100H	SSSMini3-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZW120H	SSSMini3-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY047	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY051	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY056	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY062	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY068	NMiniP2-J1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/ THD	MSL *2	Terminal Treatment
Zener Diodes	MAZY075	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY082	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY091	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY100	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY110	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY120	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY130	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY150	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY160	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY180	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY200	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY220	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY240	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY270	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY300	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY330	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY360	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY390	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY430	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY470	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZY510	NMiniP2-J1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZZ062H	SMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZZ068H	SMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZZ082H	SMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZZ100H	SMini5-F1	SMD	1	Sn-2Bi Plating
Zener Diodes	MAZZ120H	SMini5-F1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/ THD	MSL *2	Terminal Treatment
Schottky Barrier Diodes	MA21D34	SMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA21D35	SMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA21D38	SMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D15	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D17	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D21	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D23	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D26	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D28	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D36	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D39	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D40	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA22D41	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D50	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D51	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D52	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D54	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D56	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D58	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D60	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D61	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D62	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D64	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D70	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA24D74	TMiniP2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA26728	ML2-N1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA27728	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA27784	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA27D27	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA27D29	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA27D30	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA27E02	SSSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2C700	DO-34-A1	THD	1	Sn-1.5Cu Plating
Schottky Barrier Diodes	MA2C700A	DO-34-A1	THD	1	Sn-1.5Cu Plating
Schottky Barrier Diodes	MA2C719	DO-34-A1	THD	1	Sn-1.5Cu Plating
Schottky Barrier Diodes	MA2C723	DO-34-A1	THD	1	Sn-1.5Cu Plating
Schottky Barrier Diodes	MA2J704	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2J727	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2J728	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2J729	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2J732	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2S728	SSMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2S784	SSMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2SD10	SSMini2-F2	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/THD	MSL *2	Terminal Treatment
Schottky Barrier Diodes	MA2SD19	SSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2SD24	SSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2SD25	SSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2SD29	SSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2SD30	SSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2SD31	SSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2SD32	SSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2SE01	SSMini2-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2YD15	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2YD17	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2YD21	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2YD23	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2YD26	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2YD28	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2YD33	Mini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2Z720	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2Z748	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2Z784	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2Z785	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2ZD02	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2ZD14	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA2ZD18	SMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3D749	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D749A	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D750	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D750A	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D752	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D752A	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D755	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D756	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D760	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D761	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3D799	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3DD81	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3DD82	TO-220D-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3G751	TOP-3F-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3G751A	TOP-3F-A1	THD	1	Sn-2Ag-2Bi-0.5Cu Dipping
Schottky Barrier Diodes	MA3J700	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3J702	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3J741	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3J741D	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3J741E	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3J742	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3J744	SMini3-F1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/ THD	MSL *2	Terminal Treatment
Schottky Barrier Diodes	MA3J745	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3J745D	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3J745E	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3S781	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3S781D	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3S781E	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3S781F	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3S795	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3S795D	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3S795E	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3SD05F	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3SD22F	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3SD29F	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3SE01	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3SE02	SSMini3-F2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3U749	U-G2	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3U749	U-A1	THD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X701	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X703	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X704	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X704A	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X704D	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X704E	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X715	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X716	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X717	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X717D	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X717E	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X720	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X721	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X721D	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X721E	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X727	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X740	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X748	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X786	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X786D	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X786E	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X787	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X788	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X789	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3X791	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3XD11	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3XD15	Mini3-G1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/ THD	MSL *2	Terminal Treatment
Schottky Barrier Diodes	MA3XD21	Mini3-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3Z792	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3Z792D	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3Z792E	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3Z793	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA3ZD12	SMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4SD01	SSMini4-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4SD05X	SSMini4-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4SD10	SSMini4-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4X713	Mini4-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4X714	Mini4-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4X724	Mini4-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4X726	Mini4-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4X746	Mini4-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4X796	Mini4-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4Z713	SMini4-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4ZD03	SMini4-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA4ZD14	SMini4-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA6J784	SMini6-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA6X718	Mini6-G1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MA6Z718	SMini6-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MAS3795E	SSSMini3-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MAU2728	USSMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MAU2D29	USSMini2-F1	SMD	1	Sn-2Bi Plating
Schottky Barrier Diodes	MAU2D30	USSMini2-F1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: psddsc@gg.jp.panasonic.com

Lead-free [RoHS Directive (EU/ 2002/ 95/ EC)] compliant Products

February 21, 2007

Diodes

Classification	Part Number *1	Panasonic Package Code	SMD/THD	MSL *2	Terminal Treatment
RF Switch Diodes	MA26P01	ML2-N1	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA26P02	ML2-N1	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA26P07	ML2-N1	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA27P01	SSSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA27P02	SSSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA27P06	SSSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA27P07	SSSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA27P11	SSSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA27P12	SSSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA2JP02	SMini2-F1	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA2SP01	SSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA2SP02	SSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA2SP05	SSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA2SP06	SSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA2SP12	SSMini2-F2	SMD	1	Sn-2Bi Plating
RF Switch Diodes	MA3JP02F	SMini3-F1	SMD	1	Sn-2Bi Plating

Note) *1: Part number shows only generic part number as datasheet. (Without suffix)

*2: MSL (Moisture Sensitive Level) complied to JEDEC (J-STD-020).

For further information, please contact: ps addedsc@gg.jp.panasonic.com

Code Description <Diodes>

<Zener Diodes>

Column Number	1	2	3	4	5	6	7	8	9*	10**
Code of Column	Part Code		Product category	Package	Zener Voltage			Characteristics	Rank	Taping Method
Part No. Example	M	A	Z	8	0	3	6	0	0	L
Explanation	Diode		Zener	SMini2	-			-	Non-rank	Embossed TX Type

<All Diodes except Zener>

Column Number	1	2	3	4	5	6	7	8	9*	10**
Code of Column	Part Code		# of Pin(s)	Package	Product category	Individual Part No. numbered, according to the die(s) and its characteristics		Characteristics	Rank	Taping Method
Part No. Example	M	A	2	J	1	1	1	0	0	L
Explanation	Diode		2-pin	SMini2-F	Switching Diode	-		-	Non-rank	Embossed TX Type

Note) *: Rank

A: A-rank
 B: B-rank
 H: H-rank
 M: M-rank
 L: L-rank
 0(Zero): Non-rank

Note) **: Taping Method

A: Radial TA type
 E: Axial TA5 type
 F: Axial TA type
 G: Axial TP type
 L: Embossed TX Type