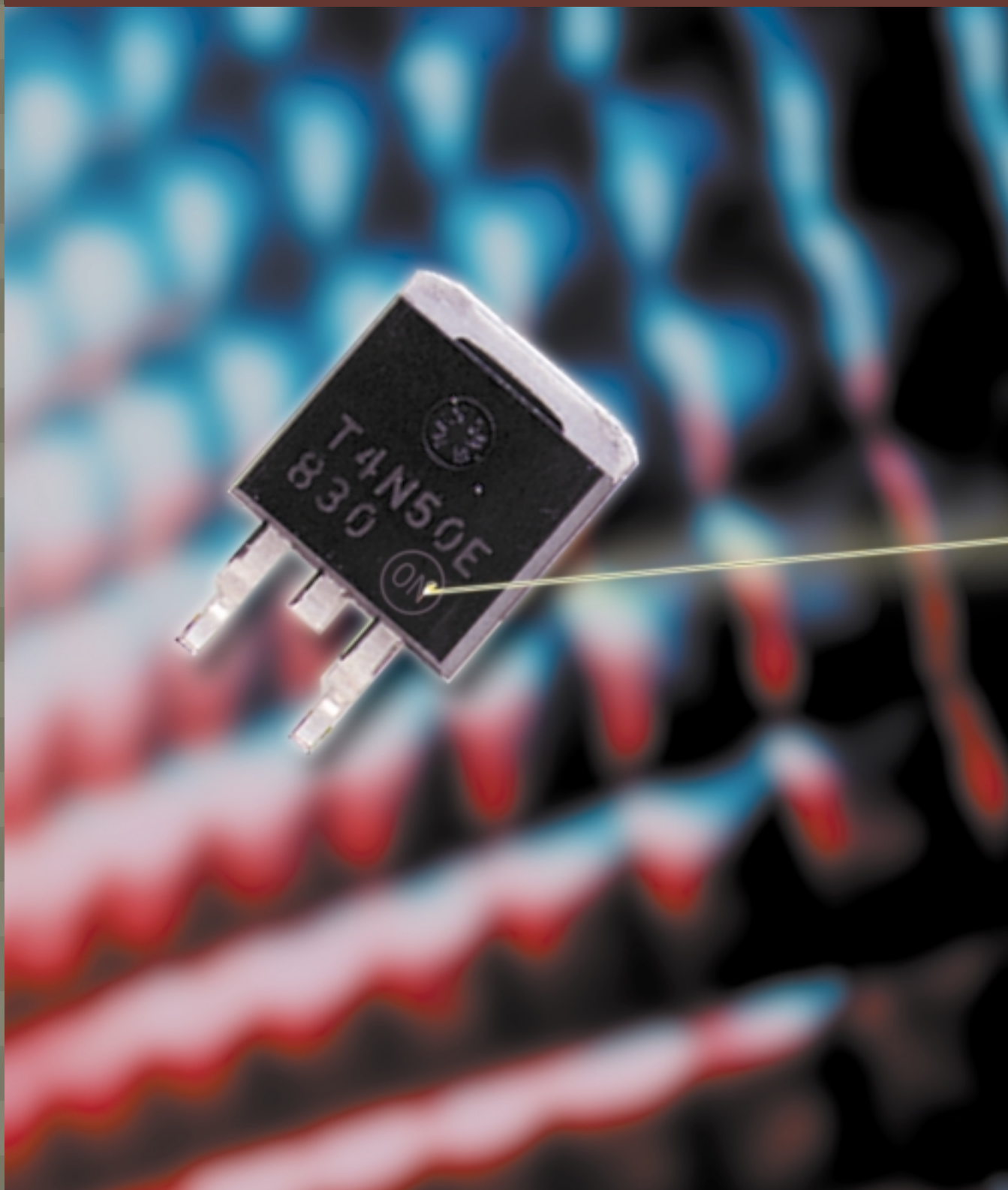
BRD8008/D
Rev. 0, Mar-2000

ON Semiconductor Part Marking Transition Brochure

ON Semiconductor



ON Semiconductor Part Marking Transition Brochure

BRD8008/D
Rev. 0, Apr-2000

ON Semiconductor

PUBLICATION ORDERING INFORMATION

NORTH AMERICA Literature Fulfillment:
Literature Distribution Center for ON Semiconductor
P.O. Box 5163, Denver, Colorado 80217 USA
Phone: 303-675-2175 or 800-344-3860 Toll Free USA/Canada
Fax: 303-675-2176 or 800-344-3867 Toll Free USA/Canada
Email: ONlit@hibbertco.com
Fax Response Line: 303-675-2167 or 800-344-3810 Toll Free USA/Canada

N. American Technical Support: 800-282-9855 Toll Free USA/Canada

EUROPE: LDC for ON Semiconductor - European Support
German **Phone**: (+1) 303-308-7140 (M-F 1:00pm to 5:00pm Munich Time)
Email: ONlit-german@hibbertco.com
French **Phone**: (+1) 303-308-7141 (M-F 1:00pm to 5:00pm Toulouse Time)
Email: ONlit-french@hibbertco.com
English **Phone**: (+1) 303-308-7142 (M-F 12:00pm to 5:00pm UK Time)
Email: ONlit@hibbertco.com

EUROPEAN TOLL-FREE ACCESS*: 00-800-4422-3781
*Available from Germany, France, Italy, England, Ireland

CENTRAL/SOUTH AMERICA:
Spanish Phone: 303-308-7143 (Mon-Fri 8:00am to 5:00pm MST)
Email: ONlit-spanish@hibbertco.com

ASIA/PACIFIC: LDC for ON Semiconductor - Asia Support
Phone: 303-675-2121 (T-F 9:00am to 1:00pm Hong Kong Time)
Toll Free from Hong Kong & Singapore:
001-800-4422-3781
Email: ONlit-asia@hibbertco.com

JAPAN: ON Semiconductor, Japan Customer Focus Center
4-32-1 Nishi-Gotanda, Shinagawa-ku, Tokyo, Japan 141-0031
Phone: 81-3-5740-2745
Email: r14525@onsemi.com

ON Semiconductor Website: http://onsemi.com

For additional information, please contact your local Sales Representative

Table of Contents

ON Semiconductor

March 31, 2000

Greetings,

On August 5th, 1999 Motorola's former Semiconductor Components Group emerged as ON Semiconductor, an independent company focused on standard discrete, logic and analog semiconductor products. As part of the terms of separation ON Semiconductor was granted the ability to manufacture and sell Motorola logo-marked products for one year. Per the terms of the agreement ON Semiconductor will cease placing the Motorola mark on product on August 5, 2000. ON Semiconductor will continue to sell existing Motorola marked inventory until it is depleted or August 5, 2001. In place of the Motorola “batwing” and other Motorola trademark markings, ON Semiconductor will begin marking products as well as intermediate packaging with the ON Semiconductor logo (see sample representation included in this package) beginning July 15, 2000. Even though no Motorola-marked product will be produced after August 5, 2000, we will continue to ship existing inventory leading to the possibility of receiving mixed shipments containing both ON Semiconductor and Motorola marked product.

This communication package has been developed to provide you detailed information regarding the transition from Motorola marking to ON Semiconductor marking. Enclosed you will find the following:

- Formal PCN Notification
- Representative Diagram of new ‘ON’ marking
- Photographed comparison of Motorola and ON marked devices
- Photographs of new ON Semiconductor intermediate packaging containers

There will be no change in the manufacturing process of the products and the new marking will not effect the performance of the part in any way. We appreciate your continued support in helping us make ON Semiconductor the premier semiconductor component manufacturer in the world.

Sincerely,

Bill George

NOTIFICATION / PCN

ON Semiconductor
5005 E. McDowell Road
Phoenix, AZ 85008
http://onsemi.com

Please read the following notification on the marking of ON Semiconductor product, issued on Feb. 14, 2000.

1
****
1
GENERAL ANNOUNCEMENTS - MASTER FORMAT

****
NOTIFICATION #: 10143

PLANNED ISSUE DATE: 14-Feb-2000 ACTUAL ISSUE DATE: 14-Feb-2000
PLANNED EFFECT DATE: 15-Feb-2000 ACTUAL EFFECT DATE: 15-Feb-2000

CREATE DATE: 14-Feb-2000 LAST UPDATE DATE: 14-Feb-2000

ISSUING DIVISION:ON SEMICONDUCTOR
ADMINISTRATOR: JOAN KEARNEY-HOPKINS
USERID: RYAG70 PHONE: 602-244-3584

DELIVERY METHOD OVERRIDE: N
ALL AFFECTED CUSTOMER NOTIFIED: N

TITLE: ON LOGOS TO REPLACE MOTOROLA LOGOS ON PACKAGING MATERIALS AND DEVICES

E01 TITLE: ON LOGOS FOR PKG MATRLS & DEVS

AFFECTED CHANGE CATEGORIES
Shipping/Packaging Materials

AFFECTED PRODUCT DIVISIONS
MOS POWER PRODUCTS DIV ANALOG PRODUCTS DIV
BIPOLAR DISCRETES PRODUCTS DIV LOGIC PRODUCTS DIV

ADDITIONAL RELIABILITY DATA: None
REFERENCE: USERID:
PHONE:

SAMPLES: No
REFERENCE: USERID:
PHONE:

NOTIFICATION DATA
REFERENCE:JON WHITCOMB USERID:RHPF30
PHONE: 602-244-5394

DISCLAIMER
DESCRIPTION AND PURPOSE

ON Semiconductor will begin the changeover from the Motorola logo to the ON Semiconductor logo for packaging materials on May 15, 2000 and for part marking on July 15, 2000. This General Announcement affects all ON Semiconductor part numbers.

Motorola logos will be removed from bar code labels and will not be replaced with the ON logo (ON Semi bar code labels will be "plain").

For a period of time, you may receive mixed shipments of ON Semiconductor and Motorola bar code labels, packaging and parts.

PART MARKING:

1
****
Where space is not an issue, the ON Semiconductor logo will be placed on all devices.

PACKAGING MATERIAL:

The Motorola logo on packaging material will be changed to the ON Semiconductor logo.

BAR CODE LABELS:

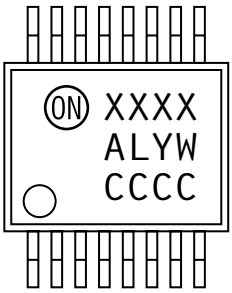
The Motorola logo on intermediate bar code labels will be removed and not replaced with ON Semiconductor logo.

These changes will be complete by August 5, 2000.
Traceability codes may also change at a later date. We will change those to improve our part tracking program. You will be notified when such changes will occur.

Marking Representations

The white lines* within the representative diagram below, define the path of the marking device required to develop the ON Logo on the face of the package. Due to the variation in each individual marking device, the “line thickness” may vary relative to the size of the logo. Tie bars may be visible when other marking devices are used.

*** The white lines follow the exact centerline of each character - the surrounding circle, the letter ‘O’ and the letter ‘N’.**



DISCLAIMER: Neither image is to scale and both are only visual representations of the new marking logo.

Part Marking Cross Reference Tables, by Technology

The following tables describe all of the Motorola and ON Semiconductor device packages, their logo status, and the location of their sample representation photographs (when available) in the following pages of this brochure, listed out by technology.

BIPOLAR POWER

MARKED WITH ON LOGO	PHOTO ON PAGE...
TO-3 METAL - BIPOLAR POWER	12
TO-3 METAL DUAL DIE - BIPOLAR POWER	12
TO-218/TO-3 PLASTIC	13
PBL TO-3 PLASTIC	13
TO-3 CUSTOM POWER	13
TO-247 PLASTIC	14
TO-220 ATLAS - BIPOLAR POWER	15

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
CASE 77 PLASTIC	17
TO-220 FULL PAK - BIPOLAR POWER/MOS GATED	17
SO-8 DUAL	18
D2PAK	19
D2PAK-SURFACE MNT	19
D-PAK	19
SOT-223 EPOXY	20

RECTIFIER

MARKED WITH ON LOGO	PHOTO ON PAGE...
TO-218TO-3 PLASTIC	13
TO-247 PLASTIC	14
AXIAL LEAD - RECTIFIER	12
MICRO BUTTON - RECTIFIER	12
POWERTAP™ 2 - RECTIFIER	12
POWERTAP 3 - RECTIFIER	12
SURGE SUPRESSOR - RECTIFIER	12
SURMETIC™ 3 AMP- RECTIFIER	12
SUB-SURMETIC 3 AMP - RECTIFIER	12
SURMETIC 1 AMP - RECTIFIER	13
TOP CAN - RECTIFIER	N/A
SUB SURMETIC 1 AMP - RECTIFIER	13
SURFACE MOUNT SURGE SUPRESSOR - RECTIFIER	12
TO-218 SCHOTTKY PLASTIC - RECTIFIER	13

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
TO-220 FULL PAK - BIPOLAR POWER/MOS GATED/RECTIFIER	17
D2PAK	19
D2PAK - SURFACE MOUNT	19
D-PAK	19
TO-220 DUAL - RECTIFIER	17
SURFACE MOUNT C	20
SOIC 8-LEAD	18

RECTIFIER (cont.)

NOT MARKED WITH LOGO	REFERENCE ON PAGE...
SMB - SURFACE MOUNT B 37MIL	22
SURFACE MOUNT A	22
CAN BUTTON - RECTIFIER	N/A
SOD-123	N/A
JUMBO BUTTON - RECTIFIER	N/A
TAB MOUNT - RECTIFIER	N/A
POWERMITE™	N/A

THYRISTORS

MARKED WITH ON LOGO	PHOTO ON PAGE...
SIDAC 3 AMP	12
SIDAC 1 AMP	15
TO-220 ATLAS - THYRISTOR	15
TO-220 CLIP MANUAL	16
TO-220 CLIP AUTO	16
TO-220 FULL PAK - THYRISTOR	16

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
D-PAK	19
SMB - SURFACE MOUNT B 37MIL	22
CASE 77 PLASTIC	17
SOT-223 EUTETIC	20
SSOVP BUTTON - THYRISTOR	N/A
TO-92 THYRISTOR/T. DIODE	N/A

SMALL SIGNAL

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
SOT-223 EUTETIC	20
TO-92 THYRISTOR/T. DIODE	N/A
SOD-123	N/A
SOIC 16-LEAD	18
TO-92 GP	21
TO-92 SMALL SIGNAL	21
TO-92 1 WATT	21
SC-59	N/A
SOT-23 D	N/A
SOT-23 LC	N/A
SC-74 TRANSISTOR	N/A
SC-70	N/A
SC-88	N/A
SOT-89 TRANSISTOR	N/A
SC-75	N/A
SOT-23S	N/A
SC-70 D	N/A
TSOP-6 EPOXY	N/A
TSOP-6 EUTETIC	N/A
SOD-323	N/A

ZENER

MARKED WITH ON LOGO	PHOTO ON PAGE...
SURMETIC 40	12
SURMETIC 40 CLIPPERS	12
SURMETIC 40 CLIPPER DUAL	12
MOSORB™	13
MiniMOSORB™	13
MOSORB DUAL	13
MiniMOSORB DUAL	13
MOSORB CLIPPER	13
MiniMOSORB CLIPPER	13
SURMETIC 30	15

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
SOD-123	N/A
SC-74 TRANSISTOR	N/A
SOT-23S	N/A
SOD-323	N/A
SMB - SURFACE MOUNT B 37MIL	22
SURFACE MOUNT C	20
SURFACE MOUNT A	22
POWERMITE	N/A
DO-35 0.5 WATT - ZENER	21
DO-41 1 WATT - ZENER	21
SURFACE MOUNT A CLIPPER	22
SURFACE MOUNT B 60MIL	22
SURFACE MOUNT B 60MIL CLIPPER	22
SOT-23 DUAL ZENER	N/A

MOS GATED

MARKED WITH ON LOGO	PHOTO ON PAGE...
TO-247 PLASTIC	14
PBL TO-3 PLASTIC	13
TO-220 ATLAS - MOS GATED	15
TO-3 PLASTIC DUALDIE	13
TO-247 PLASTIC DUALDIE	14
PDIP 16-LEAD DUALDIE	14
D3PAK - TMOS	N/A

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
SOT-23S	N/A
SOT-223 EUTETIC	20
TO-92 SMALL SIGNAL/MOS GATED	21
TO-92 1 WATT	21
SOT-23 LC	N/A
SC-70	N/A
TSOP-6 EPOXY	N/A
TSOP-6 EUTETIC	N/A
D-PAK	19
TO-220 FULL PAK - BIPOLAR POWER/MOS GATED/RECTIFIER	17

MOS GATED (cont.)

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
D2PAK	19
D2PAK - SURFACE MOUNT	19
SO-8 DUAL	18
SOT-223 EPOXY	20
Micor8™ 3.0L*3.0W .65P	17
Micro8 DUAL	17
SO-8 SINGLE MOS GATED	18
SO-8 COMPLEMENTARY MOS GATED	18
SOEIAJ 20-LEAD T2	19
TSSOP8 3.0L*4.4W .65P	18

Analog by Functionality

LINE POWERED ANALOG

MARKED WITH ON LOGO	PHOTO ON PAGE...
PDIP 24-LEAD NARROW	12
PDIP 8-LEAD	14
PDIP 14-LEAD	14
PDIP 16-LEAD	14
PDIP 18-LEAD	14
CDIP 08-LEAD	14
TO-220 5-LEAD STRAIGHT	15
TO-220 5-LEAD STAGGER	15
PDIP 20-LEAD	15
SOIC 16-LEAD WIDE	16
SOIC 20-LEAD WIDE	16
SOIC 24-LEAD WIDE	16

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
SOT-23S	N/A
SOT-223 EUTETIC	20
SOEIAJ 20-LEAD T2	19
SOIC 16-LEAD	18
TO-92 GP	21
SOIC 8-LEAD	21
TO-220 ATLAS - ANALOG	18
SOIC 14-LEAD	18
SOEIAJ 14-LEAD T2	19
TSSOP 20-LEAD 6.5*4.4*1.0P.65	20
SOT-223 ANALOG	21
D2PAK 5-LEAD	22
CHIPS SM <50000 SQ MILS	N/A

GENERAL PURPOSE ANALOG

MARKED WITH ON LOGO	PHOTO ON PAGE...
PDIP 8-LEAD	14
PDIP 14-LEAD	14
PDIP 16-LEAD	14

GENERAL PURPOSE ANALOG (cont.)

MARKED WITH ON LOGO	PHOTO ON PAGE...
PDIP 18-LEAD	14
TO-220 5-LEAD STRAIGHT	15
SOIC 16-LEAD WIDE	16
SOIC 20-LEAD WIDE	16
SOIC 24-LEAD WIDE	16
SOIC 28-LEAD WIDE	16
LQFP 32-LEAD .8P 1.4 7*7	17

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
SOIC 16-LEAD	18
SOIC 8-LEAD	21
TO-220 ATLAS - ANALOG	18
SOIC 14-LEAD	18
SOEIAJ 14-LEAD T2	19
TSSOP 20-LEAD 6.5*4.4*1.0P.65	20
SOT-223 ANALOG	21
D2PAK 5-LEAD	22
CHIPS SM <50000 SQ MILS	N/A
TSOP-6 EPOXY	N/A
Micro8 3.0L*3.0W .65P	17
TO-220 5 STANDARD	18
SOEIAJ 16-LEAD T2	19
TSSOP 14-LEAD 5.0L*4.4W .65P	19
TO-923 ANALOG	N/A
D-PACK	19
D2PAK 3-LEAD	22
D-PAK 3LEAD STRAIGHT	N/A
SC-82AB	N/A
TSOP-5 EPOXY	N/A
SOEIAJ 8-LEAD T2	N/A
SOT-23L	N/A

BATTERY MANAGEMENT-ANALOG

MARKED WITH ON LOGO	PHOTO ON PAGE...
PDIP 8-LEAD	14
SOIC 20-LEAD WIDE	16
SOIC 24-LEAD WIDE	16
LQFP 32-LEAD .8P 1.4 7*7	17
TQFP 32-LEAD .8P 1.0T 7*7	17

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
SOIC 8-LEAD	21
TSSOP 20-LEAD 6.5*4.4*1.0P.65	20
CHIPS SM <50000 SQ MILS	N/A
TSOP-6 EPOXY	N/A
Micro8 3.0L*3.0W .65P	17
TSSOP 14-LEAD 5.0L*4.4W .65P	19
SOEIAJ 8-LEAD T2	N/A

BATTERY MANAGEMENT-ANALOG (cont.)

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
SC-70	N/A
TSOP-6 EUTETIC	N/A
TSSOP8 3.0L*4.4W .65P	18
SC-88	N/A
SOT-89	N/A
TSSOP 16-LEAD 5.0L*4.4W .65P	20
TSSOP 24-LEAD 7.8L*5.6W .65P	20
SC-82	N/A
SOT-23 TRANSISTOR SMP	N/A
SOT-236 3.0*1.7*1.3P0.9	N/A

Logic - ECL and Standard Families

ECL - EMITTER COUPLED LOGIC

MARKED WITH ON LOGO	PHOTO ON PAGE...
SOIC 20-LEAD WIDE	16
LQFP 32-LEAD .8P 1.4 7*7	17
PDIP 14-LEAD	14
PDIP 16-LEAD	14
PDIP 24-LEAD NARROW	12
PDIP 20-LEAD	15
CDIP 24-LEAD NARROW	13
CDIP 14-LEAD	14
CDIP 16-LEAD	15
CDIP 20-LEAD	15
GTLCC 80-LEAD 11.4*11.4*1.0	N/A
PLCC 28-LEAD	16
LQFP 52-LEAD .65P 1.4 10*10	17

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
SOIC 8-LEAD	21
TSSOP 20-LEAD 6.5*4.4*1.0P.65	20
CHIPS SM <50000 SQ MILS	N/A
SOIC 16-LEAD	18
SOEIAJ 14-LEAD T2	19
SOEIAJ 16-LEAD T2	19
SOEIAJ 20-LEAD T2	19
TSSOP-8 3.0L*3.0W .65P	18
PLCC 20-LEAD	19
CLCC 52-LEAD CU	22
GTLCC 12-LEAD 4*4*1.0 NSP	N/A

STANDARD LOGIC

MARKED WITH ON LOGO	PHOTO ON PAGE...
SOIC 20-LEAD WIDE	16
PDIP 14-LEAD	14
PDIP 16-LEAD	14
PDIP 24-LEAD NARROW	12

STANDARD LOGIC (cont.)

MARKED WITH ON LOGO	PHOTO ON PAGE...
PDIP 20-LEAD	15
CDIP 24-LEAD NARROW	13
CDIP 14-LEAD	14
CDIP 16-LEAD	15
CDIP 20-LEAD	15
PDIP 8-LEAD	14
SOIC 24-LEAD WIDE	16
PDIP 18-LEAD	14
SOIC 16-LEAD WIDE	16
PDIP 24-LEAD WIDE BODY	14
PDIP 20-LEAD H	16

NOT MARKED WITH ON LOGO	REFERENCE ON PAGE...
SOIC 8-LEAD	21
TSSOP 20-LEAD 6.5*4.4*1.0P.65	20
CHIPS SM <50000 SQ MILS	N/A
SOIC 16-LEAD	18
SOEIAJ 14-LEAD T2	19
SOEIAJ 16-LEAD T2	19
SOEIAJ 20-LEAD T2	19
TSSOP 14-LEAD 5.0L*4.4W .65P	19
SOEIAJ 8–LEAD T2	N/A
TSSOP 16-LEAD5.0L*4.4W .65P	20
SOIC 14-LEAD	18
TSSOP 24-LEAD 7.8L*4.4W .65P	20
TSSOP 48-LEAD 12.5L*6.1W .5P	20
SSOP 14-LEAD	N/A
SSOP 20-LEAD	N/A
SC-88 5-LEAD	N/A
SOT-2305 3*1.8*1.3P0.95	N/A

Photographed Marking Representations

PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor

REPRESENTATIVE AXIAL LEAD PACKAGE

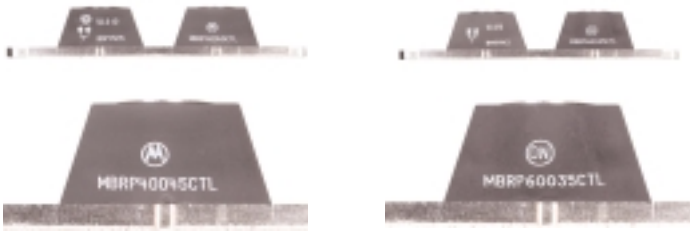
PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor

REPRESENTATIVE SURGE SUPRESSOR PACKAGE

REPRESENTATIVE MICRO BUTTON PACKAGE

REPRESENTATIVE SURMETIC 3 AMP, 40, 40 CLIPPER/DUAL, SUB-SURMETIC 3 AMP, & SIDAC 3 AMP PACKAGE



REPRESENTATIVE POWER TAP 2 PACKAGE

REPRESENTATIVE PDIP PACKAGE
24-LEAD NARROW

REPRESENTATIVE POWER TAP 3 PACKAGE

REPRESENTATIVE TO-3 METAL/DUAL PACKAGE

Photographed Marking Representations (cont.)

PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor	PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor
			Photo Unavailable
REPRESENTATIVE SURMETIC/SUB-SURMETIC 1 AMP PACKAGE		REPRESENTATIVE TO-218/TO-3 PACKAGE PLASTIC	
			Photo Unavailable
REPRESENTATIVE MOSORB/DUAL, MOSORB CLIPPER PACKAGE		REPRESENTATIVE PBL/TO-3/DUALDIE PACKAGE PLASTIC	
		 	
REPRESENTATIVE MINI-MOSORB/DUAL, MINI-MOSORB CLIPPER PACKAGE		REPRESENTATIVE TO-3 CUSTOM PACKAGE	
	Photo Unavailable		Photo Unavailable
REPRESENTATIVE CDIP PACKAGE 24-LEAD NARROW		REPRESENTATIVE TO-218 SCHOTTKY PACKAGE PLASTIC	

Photographed Marking Representations (cont.)

PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor

Photo Unavailable

REPRESENTATIVE TO-247/DUALDIE PACKAGE
PLASTIC

PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor

REPRESENTATIVE PDIP PACKAGE
18-LEAD

REPRESENTATIVE PDIP PACKAGE
8-LEAD

REPRESENTATIVE PDIP PACKAGE
24-LEAD WIDE

REPRESENTATIVE PDIP PACKAGE
14-LEAD

Photo Unavailable

REPRESENTATIVE CDIP PACKAGE
8-LEAD

REPRESENTATIVE PDIP PACKAGE
16-LEAD/DUALDIE

Photo Unavailable

REPRESENTATIVE CDIP PACKAGE
14-LEAD

Photographed Marking Representations (cont.)

PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor	PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor
			
REPRESENTATIVE CDIP PACKAGE 16-LEAD		**REPRESENTATIVE PDIP PACKAGE 20-LEAD**	

	**Photo Unavailable**		
REPRESENTATIVE TO-220 PACKAGE 5-LEAD STRAIGHT		**REPRESENTATIVE SURMETIC 30, SIDAC 1 AMP PACKAGE**	

	**Photo Unavailable**		
REPRESENTATIVE TO-220 PACKAGE 5-LEAD STAGGER		**REPRESENTATIVE TO-220 ATLAS PACKAGE BIPOLAR POWER/MOS GATED**	

			
REPRESENTATIVE CDIP PACKAGE 20-LEAD		**REPRESENTATIVE TO-220 ATLAS PACKAGE THYRISTOR**	

Photographed Marking Representations (cont.)

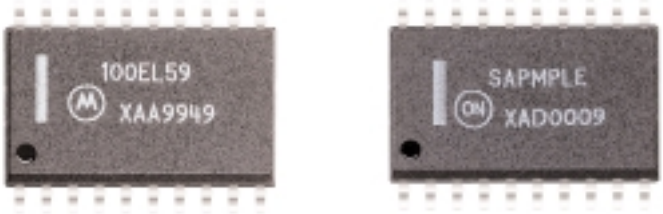
PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor

REPRESENTATIVE TO-220 CLIP MANUAL/AUTO PACKAGE
THYRISTOR

PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor



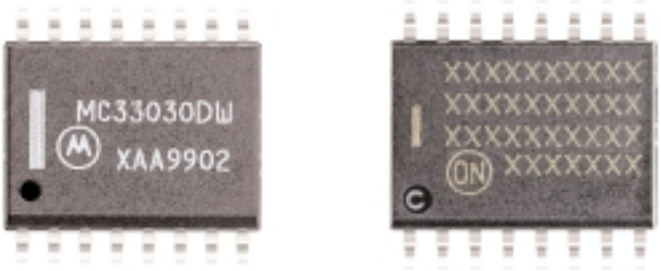
REPRESENTATIVE SOIC PACKAGE
20-LEAD WIDE

REPRESENTATIVE TO-220 FULL PAK PACKAGE
THYRISTOR

REPRESENTATIVE SOIC PACKAGE
24-LEAD WIDE

REPRESENTATIVE PLCC PACKAGE
28-LEAD

REPRESENTATIVE SOIC PACKAGE
28-LEAD WIDE



REPRESENTATIVE SOIC PACKAGE
16-LEAD WIDE

Photo
Unavailable

REPRESENTATIVE PDIP PACKAGE
20-LEAD H

Photographed Marking Representations (cont.)

PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor	PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor
Photo Unavailable			This Part Will Be Marked Without a Logo
REPRESENTATIVE LQFP PACKAGE 32-LEAD		REPRESENTATIVE Micro8™ PACKAGE	
Photo Unavailable			This Part Will Be Marked Without a Logo
REPRESENTATIVE TQFP PACKAGE 32-LEAD		REPRESENTATIVE Micro8™ DUAL PACKAGE	
			This Part Will Be Marked Without a Logo
REPRESENTATIVE LQFP PACKAGE 52-LEAD		REPRESENTATIVE TO-220 DUAL PACKAGE RECTIFIER	
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE CASE 77 PLASTIC PACKAGE		REPRESENTATIVE TO-220 FULL PACK PACKAGE BIPOLAR POWER/MOS GATED/RECTIFIER	

Photographed Marking Representations (cont.)

PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor

This Part Will Be Marked Without a Logo

REPRESENTATIVE TO-220 ATLAS PACKAGE
ANALOG

PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor

This Part Will Be Marked Without a Logo

REPRESENTATIVE SO-8 PACKAGE
DUAL

This Part Will Be Marked Without a Logo

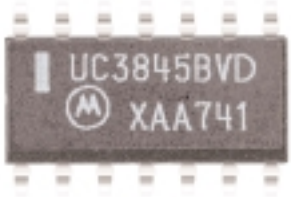
REPRESENTATIVE SO-8 PACKAGE
SINGLE/MOS GATED

This Part Will Be Marked Without a Logo

REPRESENTATIVE TO-220 5-LEAD STANDARD PACKAGE

This Part Will Be Marked Without a Logo

REPRESENTATIVE TSSOP-8 PACKAGE

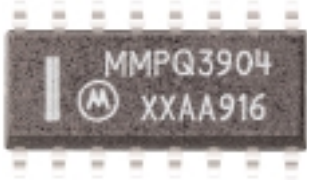


This Part Will Be Marked Without a Logo

REPRESENTATIVE SOIC PACKAGE
14-LEAD

This Part Will Be Marked Without a Logo

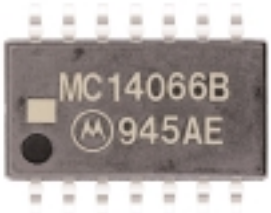
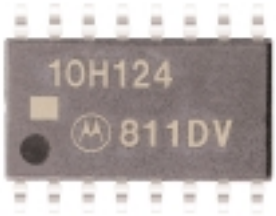
REPRESENTATIVE SO-8 PACKAGE
COMPLEMENTARY/MOS GATED



This Part Will Be Marked Without a Logo

REPRESENTATIVE SOIC PACKAGE
16-LEAD

Photographed Marking Representations (cont.)

PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor	PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE D2PAK PACKAGE		REPRESENTATIVE SOEIAJ PACKAGE 14-LEAD T2	
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE D2PAK PACKAGE SURFACE MOUNT		REPRESENTATIVE SOEIAJ PACKAGE 16-LEAD T2	
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE PLCC PACKAGE 20-LEAD		REPRESENTATIVE SOEIAJ PACKAGE 20-LEAD T2	
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE DPAK PACKAGE		REPRESENTATIVE TSSOP PACKAGE 14-LEAD	

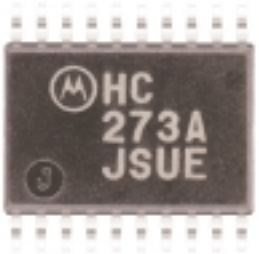
Photographed Marking Representations (cont.)

PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor

This Part Will Be Marked Without a Logo

REPRESENTATIVE TSSOP PACKAGE
16-LEAD

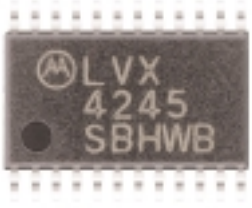


This Part Will Be Marked Without a Logo

REPRESENTATIVE TSSOP PACKAGE
20-LEAD

This Part Will Be Marked Without a Logo

REPRESENTATIVE TSSOP PACKAGE
24-LEAD WIDE



This Part Will Be Marked Without a Logo

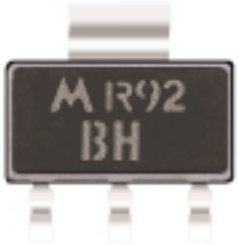
REPRESENTATIVE TSSOP PACKAGE
24-LEAD

PREVIOUSLY MARKED
(Motorola)

NEW MARK
ON Semiconductor

This Part Will Be Marked Without a Logo

REPRESENTATIVE TSSOP PACKAGE
48-LEAD



This Part Will Be Marked Without a Logo

REPRESENTATIVE SOT-223 PACKAGE
EUTETIC

This Part Will Be Marked Without a Logo

REPRESENTATIVE SOT-223 PACKAGE
EPOXY

This Part Will Be Marked Without a Logo

REPRESENTATIVE SURFACE MOUNT C PACKAGE

Photographed Marking Representations (cont.)

PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor	PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE DO-35 0.5 WATT PACKAGE ZENER		REPRESENTATIVE TO-92 PACKAGE 3-LEAD	
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE DO-41 1 WATT PACKAGE ZENER		REPRESENTATIVE TO-92 GP PACKAGE	
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE SOT-223 PACKAGE ANALOG		REPRESENTATIVE TO-92 PACKAGE SMALL SIGNAL/MOS GATED	
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE SOIC PACKAGE 8-LEAD		REPRESENTATIVE TO-92 PACKAGE 1-WATT	

Photographed Marking Representations (cont.)

PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor	PREVIOUSLY MARKED (Motorola)	NEW MARK ON Semiconductor
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE DPAK PACKAGE ANALOG		REPRESENTATIVE SMA/CLIPPER PACKAGE	
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE D2PAK PACKAGE 3-LEAD		REPRESENTATIVE SMB/CLIPPER PACKAGE 60MIL	
	This Part Will Be Marked Without a Logo		This Part Will Be Marked Without a Logo
REPRESENTATIVE D2PAK PACKAGE 5-LEAD		REPRESENTATIVE CLCC PACKAGE 52-LEAD	
	This Part Will Be Marked Without a Logo		
REPRESENTATIVE SMB PACKAGE 37MIL			

Bar Code Labeling

Both the Motorola logo and ON Semiconductor logo label stock are currently being used by internal manufacturing, external manufacturing, and the global distribution centers. ON Semiconductor began the transition to no logo (blank) labels on February 15, 2000. As ON Semiconductor logo label stock is depleted, transition to the no logo (blank) labels will continue until completion on July 15, 2000. After July 15, only no logo (blank) labels will be used by ON Semiconductor. ON Semiconductor Bar Code Labeling Requirements are being revised to incorporate the no logo (blank) label.

Customer Part Number (CPN) Labels **Manufacturer Part Number (MPN) Labels**

MOTOROLA LOGO LABLES

ON SEMICONDUCTOR LOGO LABLES

NEW ON SEMICONDUCTOR NO-LOGO (BLANK) LABLES

Box Marking

ON Semiconductor intermediate packing box graphics will begin changing May 15, 2000 and be completed by July 15, 2000. Below are sample representations of new intermediate packaging that will be used by ON Semiconductor. ON Semiconductor Packaging requirements are being revised to incorporate the ON logo.

PUBLICATION ORDERING INFORMATION

NORTH AMERICA Literature Fulfillment:
Literature Distribution Center for ON Semiconductor
P.O. Box 5163, Denver, Colorado 80217 USA
Phone: 303-675-2175 or 800-344-3860 Toll Free USA/Canada
Fax: 303-675-2176 or 800-344-3867 Toll Free USA/Canada
Email: ONlit@hibbertco.com
Fax Response Line: 303-675-2167 or 800-344-3810 Toll Free USA/Canada

N. American Technical Support: 800-282-9855 Toll Free USA/Canada

EUROPE: LDC for ON Semiconductor - European Support
German **Phone**: (+1) 303-308-7140 (M-F 1:00pm to 5:00pm Munich Time)
Email: ONlit-german@hibbertco.com
French **Phone**: (+1) 303-308-7141 (M-F 1:00pm to 5:00pm Toulouse Time)
Email: ONlit-french@hibbertco.com
English **Phone**: (+1) 303-308-7142 (M-F 12:00pm to 5:00pm UK Time)
Email: ONlit@hibbertco.com

EUROPEAN TOLL-FREE ACCESS*: 00-800-4422-3781
*Available from Germany, France, Italy, England, Ireland

CENTRAL/SOUTH AMERICA:
Spanish Phone: 303-308-7143 (Mon-Fri 8:00am to 5:00pm MST)
Email: ONlit-spanish@hibbertco.com

ASIA/PACIFIC: LDC for ON Semiconductor - Asia Support
Phone: 303-675-2121 (T-F 9:00am to 1:00pm Hong Kong Time)
Toll Free from Hong Kong & Singapore:
001-800-4422-3781
Email: ONlit-asia@hibbertco.com

JAPAN: ON Semiconductor, Japan Customer Focus Center
4-32-1 Nishi-Gotanda, Shinagawa-ku, Tokyo, Japan 141-8549
Phone: 81-3-5740-2745
Email: r14525@onsemi.com

ON Semiconductor Website: http://onsemi.com

For additional information, please contact your local Sales Representative