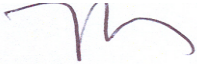






# PRODUCT CHANGE NOTICE

DCS/PCN-1077  
Rev 1

<b>Contact Date:</b>	<b>Implementation Date:</b>	<b>Alert Category:</b>	<b>Alert Type:</b>	<b>PCN #:</b>
June 29,2007	September 30, 2007	Discrete Semiconductors	Lead Frame Mat'l Change	<b>PCN #: 1077, Rev 1</b>
<b>TITLE</b>				
SOT-563 Copper Lead Frame Change				
<b>IMPACT</b>				
No impact; SOT-563 copper lead frame devices have been supplied without reliability issues for several years.				
<b>DESCRIPTION OF CHANGE</b>				
Certain SOT-563 parts with Alloy 42 lead frames will only be available in copper. Lead finish changed from 7.5 - 15 um matte Sn, annealed over Alloy 42, to 7.5 - 15um matte Sn, annealed over 3 um Ni underplaying on Copper Alloy.				
<b>PRODUCTS AFFECTED</b>				
See enclosed parts listing.				
<b>WEB LINKS</b>				
<b>Manufacturer's Notice:</b>	<a href="http://www.diodes.com/products/PCNs.shtml">http://www.diodes.com/products/PCNs.shtml</a>			
<b>For More Information Contact:</b>	<a href="http://www.diodes.com/contact/">http://www.diodes.com/contact/</a>			
<b>Data Sheet:</b>	<a href="http://www.diodes.com/index.php">http://www.diodes.com/index.php</a>			
				<input checked="" type="checkbox"/> ATTACHMENTS
<b>DISCLAIMER</b>				
Unless a Diodes Inc. Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.				
<b>PCN APPROVAL</b>				
<b>Signatories</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>	
Signature of Sr. Vice President, Sales & Mktg.	Mark King		2 July 2007	
Signature of VP Corporate Administration	Ed Tang		2 July 2007	
Signature of VP Product Development	Francis Tang		2 July 2007	

No.	PART NUMBER	DEVICE DESCRIPTION
1	2N7002V-7	MOSFET N-CHANNEL SOT-563 ROHS 3K
2	BAS116V-7	SMALL SIGNAL DIODE SIGNAL SOT-563 150MW 85V ROHS 3K
3	BAS16V-7	SMALL SIGNAL DIODE SWITCHING SOT-563 150MW 75V SINGLE ROHS 3K
4	BAS40V-7	SCHOTTKY DIODE SOT-563 150MW 40V ROHS 3K
5	BAT54V-7	SCHOTTKY DIODE SOT-563 150MW 30V ROHS 3K
6	BC857BV-7	BIPOLAR TRANSISTOR DUAL PNP SOT-563 ROHS 3K
7	DCX114EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 NPN/PNP 150MW 10KOhms 10KOhms ROHS 3K
8	DCX114TH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1 ONLY NPN/PNP 150MW 10KOhms ROHS 3K
9	DCX114YH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1<->R2 NPN/PNP 150MW 10KOhms 47KOhms ROHS 3K
10	DCX122LH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1<->R2 NPN/PNP 150MW 0.22KOhms 10KOhms ROH
11	DCX122TH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1 ONLY NPN/PNP 150MW 0.22KOhms ROHS 3K
12	DCX123JH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1<->R2 NPN/PNP 150MW 2.2KOhms 47KOhms ROHS 3K
13	DCX124EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 NPN/PNP 150MW 22KOhms 22KOhms ROHS 3K
14	DCX142JH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1<->R2 NPN/PNP 150MW 0.47KOhms 10KOhms ROH
15	DCX142TH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1 ONLY NPN/PNP 150MW 0.47KOhms ROHS 3K
16	DCX143EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 NPN/PNP 150MW 4.7KOhms 4.7KOhms ROHS 3K
17	DCX143TH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1 ONLY NPN/PNP 150MW 4.7KOhms ROHS 3K
18	DCX144EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 NPN/PNP 150MW 47KOhms 47KOhms ROHS 3K
19	DDA114EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 PNP 150MW 10KOhms 10KOhms ROHS 3K
20	DDA114TH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1 ONLY PNP 150MW 10KOhms ROHS 3K
21	DDA114YH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1<->R2 PNP 150MW 10KOhms 47KOhms ROHS 3K
22	DDA122LH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1<->R2 PNP 150MW 0.22KOhms 10KOhms ROHS 3K
23	DDA122TH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1 ONLY PNP 150MW 0.22KOhms ROHS 3K
24	DDA123JH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1<->R2 PNP 150MW 2.2KOhms 47KOhms ROHS 3K
25	DDA124EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 PNP 150MW 22KOhms 22KOhms ROHS 3K
26	DDA142JH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1<->R2 PNP 150MW 0.47KOhms 10KOhms ROHS 3K
27	DDA142TH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1 ONLY PNP 150MW 0.47KOhms ROHS 3K
28	DDA143EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 PNP 150MW 4.7KOhms 4.7KOhms ROHS 3K
29	DDA143TH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1 ONLY PNP 150MW 4.7KOhms ROHS 3K
30	DDA144EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 PNP 150MW 47KOhms 47KOhms ROHS 3K
31	DDC114EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 NPN 150MW 10KOhms 10KOhms ROHS 3K
32	DDC114TH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1 ONLY NPN 150MW 10KOhms ROHS 3K
33	DDC114YH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1<->R2 NPN 150MW 10KOhms 47KOhms ROHS 3K
34	DDC122LH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1<->R2 NPN 150MW 0.22KOhms 10KOhms ROHS 3K
35	DDC122TH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1 ONLY NPN 150MW 0.22KOhms ROHS 3K
36	DDC123JH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1<->R2 NPN 150MW 2.2KOhms 47KOhms ROHS 3K
37	DDC124EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 NPN 150MW 22KOhms 22KOhms ROHS 3K
38	DDC142JH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1<->R2 NPN 150MW 0.47KOhms 10KOhms ROHS 3K
39	DDC142TH-7	PREBIASED TRANSISTOR SOT-563 DUAL LOW R1 ONLY NPN 150MW 0.47KOhms ROHS 3K
40	DDC143EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 NPN 150MW 4.7KOhms 4.7KOhms ROHS 3K
41	DDC143TH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1 ONLY NPN 150MW 4.7KOhms ROHS 3K
42	DDC144EH-7	PREBIASED TRANSISTOR SOT-563 DUAL R1=R2 NPN 150MW 47KOhms 47KOhms ROHS 3K
43	DMN601VK-7	MOSFET DUAL N-CHANNEL SOT-563 ROHS 3K
44	MMBD4448V-7	SMALL SIGNAL DIODE SWITCHING SOT-563 150MW 80V SINGLE ROHS 3K