



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION
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11-Dec -2003

SUBJECT: ON Semiconductor Final Product/Process Change Notification #13175

TITLE: Transfer and Qualification of Bare Die Packaging at the Seremban Die Sales Center of Excellence Site

EFFECTIVE DATE: 11-Feb-2004

AFFECTED CHANGE CATEGORY: On Semiconductor Assembly Site

AFFECTED PRODUCT DIVISION:

ANALOG PRODUCTS
BIPOLAR DISCRETES PRODUCTS
LOGIC PRODUCTS
MOS POWER PRODUCTS
ECL PRODUCTS

SAMPLES: Contact your local ON Semiconductor Sales Office.

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact Sales Office or KH Wong <RKU752@onsemi.com>

NOTIFICATION TYPE:

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 60 days prior to implementation of the change.

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact your local ON Semiconductor Sales Office.

DESCRIPTION AND PURPOSE:

This is the final notification that ON Semiconductor is qualifying our Seremban, Malaysia Die Sales Center of Excellence facility to inspect, saw and package bare die products in wafer form, ring pack, and tape and reel. Electrical performance, die testing, and wafer/die packaging will not change. Seremban already produces other packaged products and is ISO9001:2000 and TS16949 certified. The Seremban Die Sales Center of Excellence was created and qualified to support ON Semiconductor's growing non-packaged die business.

ELECTRICAL CHARACTERISTIC SUMMARY:

Process characterization was performed to insure physical characteristics of product are unchanged:
Visual quality,
Saw quality, Packaging.
Characterization Report available upon request.

CHANGED PART IDENTIFICATION:

Product with a 0406 date code may be processed from the new site.



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AFFECTED DEVICE LIST (WITHOUT SPECIALS):

PART

BUC6323ZCDIE
JMC14001BW
JMC14011BW
JMC14066BW
MCW100E016
MCW100E101
MCW100E104
MCW100E111
MCW100E116
MCW100E131
MCW100E136
MCW100E137
MCW100E141
MCW100E142
MCW100E164
MCW100E166
MCW100E195
MCW100E431
MCW100E452
MCW100EL01
MCW100EL04
MCW100EL11
MCW100EL16
MCW100EL32
MCW100EL34
MCW100EL51
MCW100EL56
MCW100EL58
MCW100ELT22
MCW100ELT23
MCW100EP016A
MCW100EP139
MCW100EP140
MCW100EP142
MCW100EP16
MCW100EP16VA
MCW100EP16VB
MCW100EP16VC
MCW100EP196
MCW100EP210S
MCW100EP31
MCW100EP40
MCW100EP445
MCW100EP446
MCW100EP451
MCW100EP809
MCW100EPT21
MCW100EPT22
MCW100EPT24
MCW100EPT622
MCW100LVEL01
MCW100LVEL11



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MCW100LVEL14
MCW100LVEL16
MCW100LVEL17
MCW100LVEL29
MCW100LVEL34
MCW100LVEL40
MCW100LVEL56
MCW100LVEP111
MCW100LVEP14
MCW100LVEP210
MCW100LVEP34
MCW10101
MCW10102
MCW10105
MCW10109
MCW10116
MCW10117
MCW10123
MCW10124
MCW10125
MCW10131
MCW10135
MCW10141
MCW10158
MCW10164
MCW10173
MCW10176
MCW10197
MCW10216
MCW10231
MCW10E016
MCW10E101
MCW10E116
MCW10E131
MCW10E141
MCW10E142
MCW10E151
MCW10E1651
MCW10E431
MCW10E451
MCW10E452
MCW10EL01
MCW10EL04
MCW10EL05
MCW10EL07
MCW10EL11
MCW10EL15
MCW10EL16
MCW10EL31
MCW10EL58
MCW10ELT24
MCW10ELT25
MCW10EP01
MCW10EP016
MCW10EP05
MCW10EP08



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MCW10EP101
MCW10EP105
MCW10EP11
MCW10EP116
MCW10EP142
MCW10EP16
MCW10EP31
MCW10EP32
MCW10EP33
MCW10EP35
MCW10EP445
MCW10EP446
MCW10EP451
MCW10EP56
MCW10EP57
MCW10EP58
MCW10EP89
MCW10EPT20
MCW10H101
MCW10H102
MCW10H103
MCW10H104
MCW10H105
MCW10H107
MCW10H109
MCW10H113
MCW10H115
MCW10H116
MCW10H124
MCW10H125
MCW10H131
MCW10H136
MCW10H141
MCW10H145
MCW10H158
MCW10H164
MCW10H176
MCW10H350
MCW10H351
MCW10H642
MCW12026A
MCW12080
MCW12093
MCW12095
MCW14007UB
MCW14011B
MCW14028B
MCW14060B
MCW14536B
MCW14569B
MCW14584B
MCW74AC04
MCW74AC20
MCW74ACT574
MCW74HC164A
MCW74HC4046A



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MCW74HC4538A
MCW74HC4594
MCW74HC4851A
MCW74HC4851APF
MCW74HC4851ATR
MCW74HC595A
MCWH12140
MCWK12140
NBCW12429
NBCW12430
NBCW12439
NBW100ELT23L
NBW100EP223
NBW100LVEP17
NBW100LVEP221
NBW100LVEP222
NBW100LVEP224
NBW100LVEP56
NBW100LVEP91
NBWSG017M
NBWSG11
NBWSG111
NBWSG14
NBWSG16
NBWSG16VS
NBWSG53A
NBWSG86A
NLW17S04
NLWHC1G08
NLWHC1G32
NLWVHC1G04
NLWVHC1G125
NLWVHC1GT04
NLWVHC1GT08
NLWVHC1GT50
NTC18N06
NTC18N06F
NTC18N06TR
NTC18N06WP
NTC24N06L
NTC24N06LTR
NTC24N06LWP
NTC24N06WP
NTC3055L104
NTC3055L104F
NTC3055L104TR
NTC3055L104WP
NTC45N06
NTC45N06F
NTC45N06TR
NTC45N06WP
NTC5441
NTC5441WP
SCW63800
SCW63801B
SJEC13003WP



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SURC160TR
SZC490-27WP
SZC490-9WP
TEC0193BPF
TURC160TR
TURC160TR1