



INITIAL PRODUCT/PROCESS CHANGE NOTIFICATION
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30 Aug 2007

SUBJECT: ON Semiconductor Initial Product/Process Change Notification #16041

TITLE: DPAK Package Mold Compound Change

PROPOSED FIRST SHIP DATE: 30-Dec-2007

AFFECTED CHANGE CATEGORY: Assembly Process

AFFECTED PRODUCT DIVISION: Discrete Products / Analog Products

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or Alan Garlington<alan.garlington@onsemi.com>

NOTIFICATION TYPE:

Initial Product/Process Change Notification (IPCN)

First change notification sent to customers. IPCNs are issued at least 120 days prior to implementation of the change. An IPCN is advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan.

The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN).

This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change.

DESCRIPTION AND PURPOSE:

As a part of ON Semiconductors continuous improvement programs, the mold compound for the Dpak package assembled at the ON Semiconductor factory located at Seremban, Malaysia, will be changing. The same supplier of the existing compound will be used but the formulation will be modified for improved reliability in terms of moisture testing and delamination (SAT) performance.


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QUALIFICATION PLAN:

Package	Die Technology Group	Qualification Vehicle Chosen	Reason(s) why Qualification Vehicle Chosen	Rel test
Dpak	TMOS	PFC4272/NTD110N02RT4	Largest Die Size (160 x 120 mils)	- SAT Before & after PC MSL1 -260C - PC+AC,PC+TC1000,PC+HAST - SH,SD,HTS/HTB
Dpak	Trench 2	PGS62302/NTD4804N1G	(3810 x 2413 μ m)	- SAT Before & after PC MSL1 -260C
Dpak	Bipolar	PLC3032/SJD2550NT4	x 102 mils)	- SAT Before & after PC MSL1 -260C
Dpak	IGBT	PFC 4142/NGD8201T4	(155X115 mils)	- SAT Before & after PC MSL1 -260C
Dpak	Rectifier	RLD745/MBRD620CTT4	x 98 mils)	- SAT Before & after PC MSL1 -260C
Dpak	Thyristor	TL608D/MCR12DCNT4	x 100 mils) (800V)	- SAT Before & after PC MSL1 -260C - HTRB
IC Dpak	Voltage Regulator	MC78M18CDT	18 Volt	- SAT Before & after PC MSL1-260
IC Dpak	Voltage Regulator	JC78M05CDT	Smallest Die 1.42 x 1.42mm	- SAT Before & after PC MSL1-260



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AFFECTED DEVICE LIST:

PART

BUD42D	MCR8DSMT4	NTD18N06LG
BUD42D-001	MCR8DSMT4G	NTD18N06LT4
BUD42D-1G	MCR8DSNT4	NTD18N06LT4G
BUD42DG	MCR8DSNT4G	NTD18N06T4
BUD42DT4	MJD112	NTD18N06T4G
BUD42DT4G	MJD112-1G	NTD20N03L27
CS8182DTG	MJD112G	NTD20N03L27-1G
CS8182DTRKG	MJD112RL	NTD20N03L27G
JCP78M05CDTRK	MJD112RLG	NTD20N03L27T4
JCP78M05CDTRKG	MJD112T4	NTD20N03L27T4G
LM2931ADT-5.0	MJD112T4G	NTD20N06
LM2931ADT-5.0G	MJD117-1G	NTD20N06-001
LM2931ADT-5.0RK	MJD117G	NTD20N06-1G
LM2931ADT-5.0RKG	MJD117RLG	NTD20N06G
LM2931DT-5.0	MJD117T4	NTD20N06L
LM2931DT-5.0G	MJD117T4G	NTD20N06L-001
LM317MABDT	MJD122	NTD20N06L-1G
LM317MABDTG	MJD122G	NTD20N06LG
LM317MABDTRK	MJD122T4	NTD20N06LT4
LM317MABDTRKG	MJD122T4G	NTD20N06LT4G
LM317MADTRK	MJD127	NTD20N06T4
LM317MADTRKG	MJD127G	NTD20N06T4G
LM317MBDT	MJD127T4	NTD20P06L
LM317MBDTG	MJD127T4G	NTD20P06L-001
LM317MBDTRK	MJD128T4G	NTD20P06L-1G
LM317MBDTRKG	MJD148T4	NTD20P06LG
LM317MDT	MJD148T4G	NTD20P06LT4
LM317MDTG	MJD18002D2T4	NTD20P06LT4G
LM317MDTRK	MJD18002D2T4G	NTD23N03R-1G
LM317MDTRKG	MJD200	NTD23N03RG
LP2950ACDT-3.0	MJD200G	NTD23N03RT4
LP2950ACDT-3.0G	MJD200RL	NTD23N03RT4G
LP2950ACDT-3.0RK	MJD200RLG	NTD24N06
LP2950ACDT-3.3	MJD200T4	NTD24N06-1G
LP2950ACDT-3.3RG	MJD200T4G	NTD24N06G
LP2950ACDT-3.3RK	MJD210	NTD24N06L-1G
LP2950ACDT-3RKG	MJD210G	NTD24N06LG
LP2950ACDT-5.0	MJD210RL	NTD24N06LT4
LP2950ACDT-5.0G	MJD210RLG	NTD24N06LT4G
LP2950ACDT-5.0RK	MJD210T4	NTD24N06T4
LP2950ACDT-5RKG	MJD210T4G	NTD24N06T4G
LP2950CDT-3.0	MJD243	NTD25P03L
LP2950CDT-3.0G	MJD243G	NTD25P03L1
LP2950CDT-3.0RK	MJD243T4	NTD25P03L1G
LP2950CDT-3.0RKG	MJD243T4G	NTD25P03LG
LP2950CDT-3.3	MJD253-1G	NTD25P03LRL
LP2950CDT-3.3G	MJD253T4	NTD25P03LRLG



LP2950CDT-3.3RK	MJD253T4G	NTD25P03LT4
LP2950CDT-3.3RKG	MJD2955	NTD25P03LT4G
LP2950CDT-5.0	MJD2955-001	NTD2955
LP2950CDT-5.0G	MJD2955-1G	NTD2955-001
LP2950CDT-5.0RK	MJD2955G	NTD2955-1G
LP2950CDT-5.0RKG	MJD2955T4	NTD2955G
MAC4DCM-001	MJD2955T4G	NTD2955T4
MAC4DCM-1G	MJD3055	NTD2955T4G
MAC4DCMT4	MJD3055G	NTD3055-094
MAC4DCMT4G	MJD3055T4	NTD3055-094-1G
MAC4DCN-001	MJD3055T4G	NTD3055-094G
MAC4DCN-1G	MJD31C	NTD3055-094T4
MAC4DCNT4	MJD31C1	NTD3055-094T4G
MAC4DCNT4G	MJD31C1G	NTD3055-150
MAC4DHM-001	MJD31CG	NTD3055-150-1
MAC4DHM-1G	MJD31CRL	NTD3055-150-1G
MAC4DHMT4	MJD31CRLG	NTD3055-150G
MAC4DHMT4G	MJD31CT4	NTD3055-150T4
MAC4DLM-1G	MJD31CT4G	NTD3055-150T4G
MAC4DLMT4	MJD31T4	NTD3055L104
MAC4DLMT4G	MJD31T4G	NTD3055L104-001
MAC4DSM-001	MJD32C	NTD3055L104-1G
MAC4DSM-1G	MJD32CG	NTD3055L104G
MAC4DSMT4	MJD32CRL	NTD3055L104T4
MAC4DSMT4G	MJD32CRLG	NTD3055L104T4G
MAC4DSN-1G	MJD32CT4	NTD3055L170-001
MAC4DSNT4G	MJD32CT4G	NTD3055L170-1G
MBRD1035CTL	MJD32RLG	NTD3055L170G
MBRD1035CTLG	MJD32T4	NTD3055L170T4
MBRD1035CTLT4	MJD32T4G	NTD3055L170T4G
MBRD1035CTLT4G	MJD340	NTD30N02G
MBRD1045T4G	MJD340G	NTD32N06-001
MBRD320	MJD340RL	NTD32N06-1G
MBRD320G	MJD340RLG	NTD32N06G
MBRD320RL	MJD340T4	NTD32N06L-001
MBRD320RLG	MJD340T4G	NTD32N06L-1G
MBRD320T4	MJD350	NTD32N06LG
MBRD320T4G	MJD350G	NTD32N06LT4
MBRD330	MJD350T4	NTD32N06LT4G
MBRD330G	MJD350T4G	NTD32N06T4
MBRD330RL	MJD41CRL	NTD32N06T4G
MBRD330RLG	MJD41CRLG	NTD3808NA0
MBRD330T4	MJD41CT4	NTD3808NA1
MBRD330T4G	MJD41CT4G	NTD3813NA0
MBRD340	MJD42C1G	NTD3813NA1
MBRD340G	MJD42CG	NTD3817NA0
MBRD340RL	MJD42CRLG	NTD3817NA1
MBRD340RLG	MJD42CT4	NTD40N03R
MBRD340T4	MJD42CT4G	NTD40N03R-1G
MBRD340T4G	MJD44E3T4	NTD40N03RG
MBRD350	MJD44E3T4G	NTD40N03RT4
MBRD350G	MJD44H11	NTD40N03RT4G



MBRD350RL	MJD44H11-001	NTD4302
MBRD350RLG	MJD44H11-1G	NTD4302-001
MBRD350T4	MJD44H11G	NTD4302-1G
MBRD350T4G	MJD44H11RL	NTD4302G
MBRD360	MJD44H11RLG	NTD4302T4
MBRD360G	MJD44H11T4	NTD4302T4G
MBRD360RL	MJD44H11T4G	NTD4404N1
MBRD360RLG	MJD44H11T5	NTD4404N1G
MBRD360T4	MJD44H11T5G	NTD4404NT4
MBRD360T4G	MJD45H11	NTD4404NT4G
MBRD5H100T4G	MJD45H11-001	NTD4804N-1G
MBRD620CTT4	MJD45H11-1G	NTD4804NA-1G
MBRD620CTT4G	MJD45H11G	NTD4804NT4G
MBRD630CTT4	MJD45H11RL	NTD4805N-1G
MBRD630CTT4G	MJD45H11RLG	NTD4805NT4G
MBRD640CT	MJD45H11T4	NTD4806N-1G
MBRD640CTG	MJD45H11T4G	NTD4806NA-1G
MBRD640CTT4	MJD47	NTD4806NAT4G
MBRD640CTT4G	MJD47G	NTD4806NT4G
MBRD650CT	MJD47T4	NTD4808N-1G
MBRD650CT1	MJD47T4G	NTD4808NT4G
MBRD650CTG	MJD50	NTD4809N-1G
MBRD650CTT4	MJD50G	NTD4809NA-1G
MBRD650CTT4G	MJD50T4	NTD4809NAT4G
MBRD660CT	MJD50T4G	NTD4809NH-1G
MBRD660CTG	MJD5731T4	NTD4809NHT4G
MBRD660CTRL	MJD5731T4G	NTD4809NT4G
MBRD660CTRLG	MJD6039T4	NTD4810N-1G
MBRD660CTT4	MJD6039T4G	NTD4810NH-1G
MBRD660CTT4G	MLD1N06CLT4	NTD4810NHT4G
MBRD835L	MLD1N06CLT4G	NTD4810NT4G
MBRD835LG	MLD2N06CLT4	NTD4813N-1G
MBRD835LT4	MLD2N06CLT4G	NTD4813NH-1G
MBRD835LT4G	MSRD620CT	NTD4813NHT4G
MC33269DT	MSRD620CTG	NTD4813NT4G
MC33269DT-012	MSRD620CTT4	NTD4815N-1G
MC33269DT-012G	MSRD620CTT4G	NTD4815NH-1G
MC33269DT-3.3	MTD5P06VT4	NTD4815NHT4G
MC33269DT-3.3G	MTD5P06VT4G	NTD4815NT4G
MC33269DT-5.0	MTD6N15T4	NTD4854NA0
MC33269DT-5.0G	MTD6N15T4G	NTD4854NA1
MC33269DTG	MTD6N20ET4	NTD4855NA0
MC33269DTRK	MTD6N20ET4G	NTD4855NA1
MC33269DTRK-012	MURD305RL	NTD4856NA0
MC33269DTRK-012G	MURD310T4	NTD4856NA1
MC33269DTRK-3.3	MURD320T4	NTD4858NA0
MC33269DTRK-3.3G	MURD320T4G	NTD4858NA1
MC33269DTRK-5.0	MURD330T4	NTD4860NA0
MC33269DTRK-5.0G	MURD330T4G	NTD4860NA1
MC33269DTRKG	MURD340T4	NTD4863NA0
MC33275DT-2.5	MURD340T4G	NTD4863NA1
MC33275DT-2.5G	MURD550PFT4	NTD4865NA0



MC33275DT-2.5RK	MURD550PFT4G	NTD4865NA1
MC33275DT-2.5RKG	MURD610CTT4	NTD50N03R
MC33275DT-3.0	MURD620CT	NTD50N03R-001
MC33275DT-3.0G	MURD620CT1	NTD50N03R-035
MC33275DT-3.0RK	MURD620CTG	NTD50N03R-1G
MC33275DT-3.0RKG	MURD620CTT4	NTD50N03RG
MC33275DT-3.3	MURD620CTT4G	NTD50N03RT4
MC33275DT-3.3G	MURHD560T4G	NTD50N03RT4G
MC33275DT-3.3RK	NBRD5H100T4G	NTD5406NG
MC33275DT-3.3RKG	NCP1117DT12	NTD5406NT4G
MC33275DT-5.0	NCP1117DT12G	NTD5407NG
MC33275DT-5.0G	NCP1117DT12RK	NTD5407NT4G
MC33275DT-5.0RK	NCP1117DT12RKG	NTD60N02R
MC33275DT-5.0RKG	NCP1117DT15	NTD60N02R-001
MC34268DT	NCP1117DT15G	NTD60N02R-035
MC34268DTG	NCP1117DT15RK	NTD60N02R-1G
MC34268DTRK	NCP1117DT15RKG	NTD60N02RG
MC34268DTRKG	NCP1117DT18	NTD60N02RT4
MC7805BDT	NCP1117DT18G	NTD60N02RT4G
MC7805BDTG	NCP1117DT18RK	NTD65N03R
MC7805BDTRK	NCP1117DT18RKG	NTD65N03R-001
MC7805BDTRKG	NCP1117DT18T5	NTD65N03R-035
MC7805CDT	NCP1117DT18T5G	NTD65N03R-1G
MC7805CDTG	NCP1117DT19RKG	NTD65N03RG
MC7805CDTRK	NCP1117DT20	NTD65N03RT4
MC7805CDTRKG	NCP1117DT20G	NTD65N03RT4G
MC7808BDT	NCP1117DT20RK	NTD6600N
MC7808BDTG	NCP1117DT20RKG	NTD6600N-001
MC7808BDTRK	NCP1117DT25	NTD6600N-1G
MC7808BDTRKG	NCP1117DT25G	NTD6600NT4
MC7808CDT	NCP1117DT25RK	NTD6600NT4G
MC7808CDTG	NCP1117DT25RKG	NTD70N03R
MC7808CDTRK	NCP1117DT25T5	NTD70N03R-001
MC7808CDTRKG	NCP1117DT25T5G	NTD70N03R-1G
MC7808CDTT5	NCP1117DT285	NTD70N03RG
MC7808CDTT5G	NCP1117DT285G	NTD70N03RT4
MC7812BDT	NCP1117DT285RK	NTD70N03RT4G
MC7812BDTG	NCP1117DT285RKG	NTD78N03
MC7812BDTRK	NCP1117DT33	NTD78N03-001
MC7812BDTRKG	NCP1117DT33G	NTD78N03-035
MC7812CDT	NCP1117DT33RK	NTD78N03-1G
MC7812CDTG	NCP1117DT33RKG	NTD78N03G
MC7812CDTRK	NCP1117DT33T5	NTD78N03T4
MC7812CDTRKG	NCP1117DT33T5G	NTD78N03T4G
MC7815BDT	NCP1117DT50	NTD80N02
MC7815BDTG	NCP1117DT50G	NTD80N02-001
MC7815BDTRK	NCP1117DT50RK	NTD80N02-1G
MC7815BDTRKG	NCP1117DT50RKG	NTD80N02T4
MC7815CDT	NCP1117DTA	NTD80N02T4G
MC7815CDTG	NCP1117DTAG	NTD85N02R
MC7815CDTRK	NCP1117DTARK	NTD85N02R-001
MC7815CDTRKG	NCP1117DTARKG	NTD85N02R-1G



MC78M05ABDT	NCP1117DTAT5	NTD85N02RG
MC78M05ABDTG	NCP1117DTAT5G	NTD85N02RT4
MC78M05ABDTRK	NCP5500A2	NTD85N02RT4G
MC78M05ABDTRKG	NCP5500A3	NTD95N02R
MC78M05ACDT	NCP5500DT15RKG	NTD95N02R-001
MC78M05ACDTG	NCP5500DT33RKG	NTD95N02R-1G
MC78M05ACDTRK	NCP5500DT50RKG	NTD95N02RG
MC78M05ACDTRKG	NCP5500DTADJRKG	NTD95N02RT4
MC78M05BDT	NCP5501DT15G	NTD95N02RT4G
MC78M05BDTG	NCP5501DT15RKG	NTVD20N03L27G
MC78M05BDTRK	NCP5501DT33G	NTVD20N03L27T4
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MC78M05BDTT5G	NCP5501DT50G	SA317MBDTRK
MC78M05CDT	NCP5501DT50RKG	SA317MBDTRKG
MC78M05CDTG	NCP5504DTRKG	SA317MDTRK
MC78M05CDTRK	NCP5661DT12RKG	SA317MDTRKG
MC78M05CDTRKG	NCP5661DT33RKG	SA901002DTRK
MC78M05CDTT5	NCP5661DTADJRKG	SA901002DTRKG
MC78M05CDTT5G	NCV1117DT15RK	SBRD110T4
MC78M06CDT	NCV1117DT15RKG	SBRD110T4G
MC78M06CDTG	NCV1117DT18RK	SBRD111T4
MC78M06CDTRK	NCV1117DT18RKG	SBRD111T4G
MC78M06CDTRKG	NCV1117DT18T5	SBRD113RL
MC78M08ABDT	NCV1117DT18T5G	SBRD113RLG
MC78M08ABDTG	NCV1117DT20RK	SBRD114CTT4
MC78M08ABDTRK	NCV1117DT20RKG	SBRD114CTT4G
MC78M08ABDTRKG	NCV1117DT25RK	SBRD115LT4
MC78M08ACDT	NCV1117DT25RKG	SBRD116CTT4
MC78M08ACDTG	NCV1117DT33T5	SBRD335L-001
MC78M08ACDTRK	NCV1117DT33T5G	SBRD335LT4
MC78M08ACDTRKG	NCV1117DT50RK	SBRD5628T4
MC78M08BDT	NCV1117DT50RKG	SBRD5644-5T4
MC78M08BDTG	NCV1117DTARK	SBRD81035CTLT4
MC78M08BDTRK	NCV1117DTARKG	SBRD81035CTLT4G
MC78M08BDTRKG	NCV2931DT-5.0RK	SBRD81045T4G
MC78M08CDT	NCV2931DT-5.0RKG	SBRD8320
MC78M08CDTG	NCV33269DT-5.0G	SBRD8320G
MC78M08CDTRK	NCV33269DTRK	SBRD8320T4
MC78M08CDTRKG	NCV33269DTRK-012	SBRD8320T4G
MC78M09BDT	NCV33269DTRK-12G	SBRD8330
MC78M09BDTG	NCV33269DTRK-3.3	SBRD8330G
MC78M09BDTRK	NCV33269DTRK3.3G	SBRD8330T4
MC78M09BDTRKG	NCV33269DTRKG	SBRD8330T4G
MC78M09CDT	NCV4274ADT33RKG	SBRD8340
MC78M09CDTG	NCV4274ADT50RKG	SBRD8340G
MC78M09CDTRK	NCV4274DT33RKG	SBRD8340T4
MC78M09CDTRKG	NCV4274DT50RKG	SBRD8340T4G
MC78M12ABDT	NCV4275AA1	SBRD8350
MC78M12ABDTG	NCV4275ADT33RKG	SBRD8350G
MC78M12ABDTRK	NCV4275DTRK	SBRD8350T4
MC78M12ABDTRKG	NCV4275DTRKG	SBRD8350T4G
MC78M12ACDT	NCV4276ADT33RKG	SBRD835LT4



MC78M12ACDTG	NCV4276ADT50RKG	SBRD835LT4G
MC78M12ACDTRK	NCV4276ADTADJRKG	SBRD8360
MC78M12ACDTRKG	NCV4276DT33RK	SBRD8360G
MC78M12BDT	NCV4276DT33RKG	SBRD8360RL
MC78M12BDTG	NCV4276DT50RK	SBRD8360RLG
MC78M12BDTRK	NCV4276DT50RKG	SBRD8360T4
MC78M12BDTRKG	NCV4276DTADJRKG	SBRD8360T4G
MC78M12CDT	NCV5500DT15RKG	SBRD8835L
MC78M12CDTG	NCV5500DT33RKG	SBRD8835LG
MC78M12CDTRK	NCV5500DT50RKG	SBRD8835LT4
MC78M12CDTRKG	NCV5500DTADJRKG	SBRD8835LT4G
MC78M12CDTT5G	NCV5501DT15G	SC78M05BDTRK
MC78M15ABDT	NCV5501DT15RKG	SC78M05BDTRKG
MC78M15ABDTG	NCV5501DT33G	SC78M08BDTRK
MC78M15ABDTRK	NCV5501DT33RKG	SC78M08BDTRKG
MC78M15ABDTRKG	NCV5501DT50G	SC79184DTRK
MC78M15ACDT	NCV5501DT50RKG	SC901000DTRK
MC78M15ACDTG	NCV5504DTRKG	SGD1062T4
MC78M15ACDTRK	NCV5661DT12RKG	SGD1062T4G
MC78M15ACDTRKG	NCV5661DT33RKG	SGD8201NT4
MC78M15BDT	NCV5661DTADJRKG	SID9N05CLT4
MC78M15BDTG	NCV7805BDTRKG	SJD1001T4
MC78M15BDTRK	NCV7808BDTG	SJD1001T4G
MC78M15BDTRKG	NCV7808BDTRKG	SJD1008LFKBT4
MC78M15CDT	NCV8184DTRK	SJD1008LFKBT4G
MC78M15CDTG	NCV8184DTRKG	SJD1015-001
MC78M15CDTRK	NCV8660A0	SJD1015-1G
MC78M15CDTRKG	NCV8664DT50RKG	SJD1015T4
MC78M15CDTT5G	NCV8665A1	SJD1015T4G
MC78M18CDT	NCV8675A1	SJD1018RL
MC78M18CDTG	NCV8675DT50RKG	SJD1018RLG
MC78M18CDTRK	NGD15N41CLT4	SJD1023T4
MC78M18CDTRKG	NGD15N41CLT4G	SJD1023T4G
MC79M05BDT	NGD18N40CLBT4	SJD1029T4
MC79M05BDTG	NGD18N40CLBT4G	SJD1029T4G
MC79M05BDTRK	NGD8201NT4	SJD1030-001
MC79M05BDTRKG	NGD8201NT4G	SJD1030-001G
MC79M05CDT	NGD8205NT4	SJD1030T4
MC79M05CDTG	NGD8205NT4G	SJD1030T4G
MC79M05CDTRK	NID5001NT4	SJD1031T4
MC79M05CDTRKG	NID5001NT4G	SJD1031T4G
MC79M08BDT	NID5003NT4	SJD1038T4
MC79M08BDTG	NID5003NT4G	SJD1038T4G
MC79M08BDTRK	NID5004NT4G	SJD1041T4
MC79M08BDTRKG	NID6002NT4	SJD1041T4G
MC79M08CDT	NID6002NT4G	SJD112T4
MC79M08CDTG	NID9N05CL	SJD112T4G
MC79M08CDTRK	NID9N05CLG	SJD127T4
MC79M08CDTRKG	NID9N05CLT4	SJD127T4G
MC79M12BDT	NID9N05CLT4G	SJD200T4
MC79M12BDTG	NJD2873	SJD200T4G
MC79M12BDTRK	NJD2873RL	SJD2550T4



MC79M12BDTRKG	NJD2873T4	SJD2550T4G
MC79M12CDT	NJD2873T4G	SJD31CT4
MC79M12CDTG	NJD35N04G	SJD31CT4G
MC79M12CDTRK	NJD35N04T4G	SJD32CT4
MC79M12CDTRKG	NJVMJD127T4	SJD32CT4G
MC79M15BDT	NJVMJD127T4G	SJD42CT4
MC79M15BDTG	NJVMJD2955T4	SJD42CT4G
MC79M15BDTRK	NJVMJD2955T4G	SJD44H12T4
MC79M15BDTRKG	NJVMJD42CT4	SJD44H12T4G
MC79M15CDT	NJVMJD42CT4G	SJD45H11T4
MC79M15CDTG	NJVMJD44H11T4G	SJD45H11T4G
MC79M15CDTRK	NRVBD640CT	SJD5873T4
MC79M15CDTRKG	NRVBD640CTG	SJD5873T4G
MCR12DCMT4	NRVBD640CTT4	SLD1004T4
MCR12DCMT4G	NRVBD640CTT4G	SMTD10N10ELT4G
MCR12DCNT4	NRVBD660CT	SMTD20P06HDLT4
MCR12DCNT4G	NRVBD660CTG	SMTD20P06HDLT4G
MCR12DSMT4	NRVBD660CTT4	STD1056T4
MCR12DSMT4G	NRVBD660CTT4G	STD1058T4
MCR12DSN-001	NRVUD620CT	STD1064T4
MCR12DSN-1G	NRVUD620CTT4	STD110N02R-011
MCR12DSNT4	NTD110N02R-001	STD1910LFKBT4
MCR12DSNT4G	NTD110N02R-001G	STD1910LFKBT4G
MCR703AT4	NTD110N02RG	STD20P07LT4G
MCR703AT4G	NTD110N02RT4	STD3055-150T4G
MCR706AT4	NTD110N02RT4G	STD3055L104T4
MCR706AT4G	NTD12N10	STD3055VLT4G
MCR708A	NTD12N10-001	STD3155L104T4
MCR708A1	NTD12N10-1G	STD60N02R-011G
MCR708A1G	NTD12N10G	STD6789T4
MCR708AG	NTD12N10T4	STD80N02-011
MCR708AT4	NTD12N10T4G	STD80N02-011G
MCR708AT4G	NTD14N03R	STVD4302T4
MCR716T4	NTD14N03R-001	STVD4302T4G
MCR716T4G	NTD14N03RG	SURD106T4
MCR718T4	NTD14N03RT4	SURD106T4G
MCR718T4G	NTD14N03RT4G	SURD107T4
MCR8DCMT4	NTD18N06-001	SURD107T4G
MCR8DCMT4G	NTD18N06-1G	SURD109-4T4
MCR8DCNT4	NTD18N06G	SURD8320T4
MCR8DCNT4G	NTD18N06L-1G	SURD8320T4G