



## Product Change Notification - LIAL-25FTVP919

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**Date:**

06 Nov 2019

**Product Category:**

Others; PoE PSE

**Affected CPNs:****Notification subject:**

CCB 4000 Final Notice: Implement Packing Changes for selected Microsemi PoE products

**Notification text:****PCN Status:**

Final notification.

**PCN Type:**

Manufacturing Change

**Microchip Parts Affected:**

Please open one of the icons found in the Affected CPNs section above.

Note 1: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Note 2: As part of the integration process additional products may be identified that were not part of the original list.

**Description of Change:**

Implement Packing Changes for selected Microsemi PoE products within the Microsemi subsidiaries Microsemi Solutions Sdn.Bhd. which includes formerly Power over Ethernet.

Change in Tray/Reel/Bag

Change in Packing Method

**Pre Change:**

Using Microsemi's packing process.

**Post Change:**

Using Microchip's packing process.

**Pre and Post Change Summary:**

Details		PRE-CHANGE (MSCC)	POST CHANGE (Microchip)
Packing Details	Media	With Microsemi media	With Microchip media
	Moisture Barrier Bag / Static Shield Bag	Without pre-printed MSL caution label on bag	With pre-printed MSL caution label on bag
	Method	Tray	With pink foam on tray
			Without pink foam on tray



	Reel	With bubble sheet on reel	Without bubble sheet on reel
<b>Material</b>		MBB no Desiccant SSB + Desiccant	MSL1 product - use of static sensitive bag (SSB) without desiccant and HIC
<b>Desiccant</b>		1, or 2 desiccants per bag depending on packaging size	2 desiccants per bag for all products
<b>Humidity Indicator Card (HIC)</b>		Cobalt Dichloride free or Cobalt free	Cobalt free
<b>Tray Inner Carton</b>		See attached Pre and Post Changes	

Note: Please see attached file "packing pre and post changes" to view the changes documented above.

#### Impacts to Data Sheet:

None

#### Change Impact:

None.

#### Reason for Change:

To improve productivity by standardizing the packing method as part of the integration of Microsemi and Microchip.

#### Change Implementation Status:

In Progress

#### Earliest Implementation Date:

December 06, 2019

**Note:** The earliest implementation date is the earliest date that we may implement any combination of the changes listed in this PCN as we will not implement any of the proposed changes prior to this date. After the earliest implementation date these changes may occur to any product over the course of many months depending on inventory levels and business conditions.

#### Time Table Summary:

	November 2019					December 2019				
Workweek	44	45	46	47	48	49	50	51	52	53
Final PCN Issue Date		X								
Estimated Implementation Date						X				

#### Method to Identify Change:



Traceability, packing material

**Revision History:**

**November 06, 2019:** Issued Final notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

**Attachment(s):**

[PCN\\_LIAL-25FTVP919\\_Pre and Post changes.pdf](#)

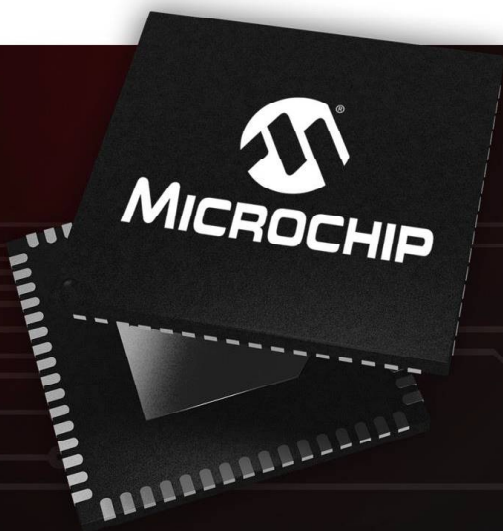
[Frequently Asked Questions Microsemi November.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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If you wish to [change your PCN profile, including opt out](#), please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.



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Mixed-Signal, Analog & Flash-IP Solutions



**CCB#4000: Implement Packing changes for selected PoE-MCU products**  
**PCN#: LIAL-25FTVP919**



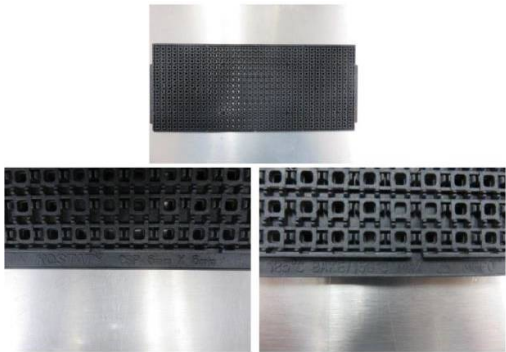
# TRAY: PD39100 and PD69100 PoE-MCU

## PRE-CHANGE

- Microcontrollers master product :  
PD39100;PD69100  
Tray



## POST CHANGE



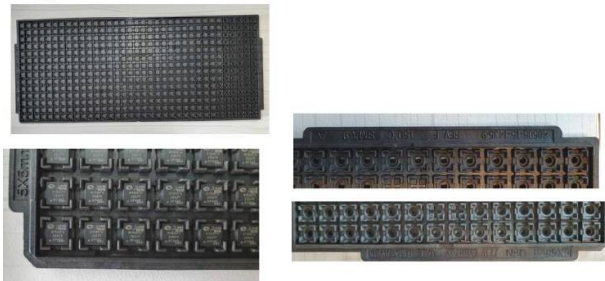
	Row	Col	Bakeable (Temp C )	Pocket Pitch (X)	Pocket Pitch (Y)	Outer Pocket center to Tray edge (X)	Outer Pocket center to Tray edge (Y)	Units per Tray
PRE	14	35	150	8.80	9.20	7.90	8.15	490
POST	14	35	150	8.80	9.20	7.90	8.15	490



# TRAY: PD69200 PoE-MCU

## PRE-CHANGE

- Microcontrollers master product :  
PD69200  
Tray



## POST CHANGE



	Row	Col	Bakeable (Temp C )	Pocket Pitch (X)	Pocket Pitch (Y)	Outer Pocket center to Tray edge (X)	Outer Pocket center to Tray edge (Y)	Units per Tray
PRE	14	35	150	8.80	9.20	7.90	8.15	490
POST	14	35	150	8.80	9.20	7.90	8.15	490

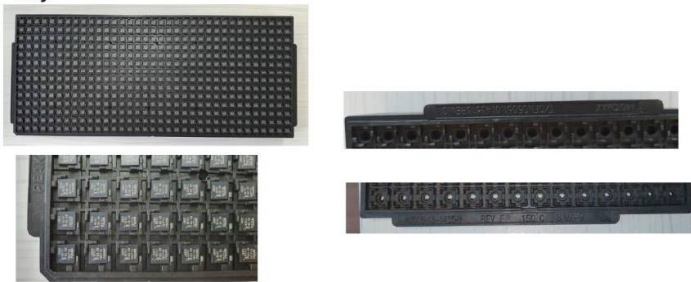


# TRAY: PD81000 PoE-MCU

## PRE-CHANGE

• Microcontrollers master product :

PD81000  
Tray



## POST CHANGE



	Row	Col	Bakeable (Temp C )	Pocket Pitch (X)	Pocket Pitch (Y)	Outer Pocket center to Tray edge (X)	Outer Pocket center to Tray edge (Y)	Units per Tray
PRE	14	35	140	8.80	9.20	7.90	8.15	490
POST	14	35	150	8.80	9.20	7.90	8.15	490



# TRAY: PD82000 PoE-MCU

## PRE-CHANGE

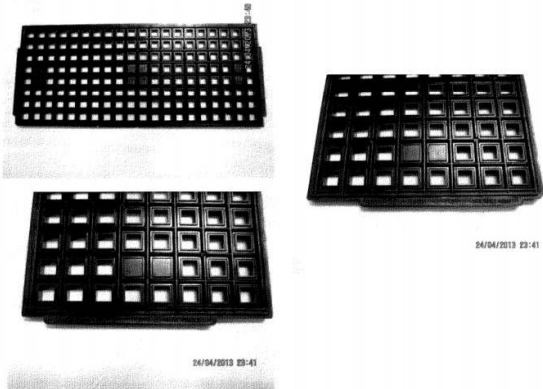
• Microcontrollers master product :

PD82000

Tray



## POST CHANGE



	Row	Col	Bakeable (Temp C )	Pocket Pitch (X)	Pocket Pitch (Y)	Outer Pocket center to Tray edge (X)	Outer Pocket center to Tray edge (Y)	Units per Tray
PRE	8	20	150	15.20	15.70	13.10	13.00	160
POST	8	20	150	15.20	15.70	13.10	13.00	160





# Moisture Barrier Bag (MBB) for Tray PoE-MCU

## PRE-CHANGE

PD69200

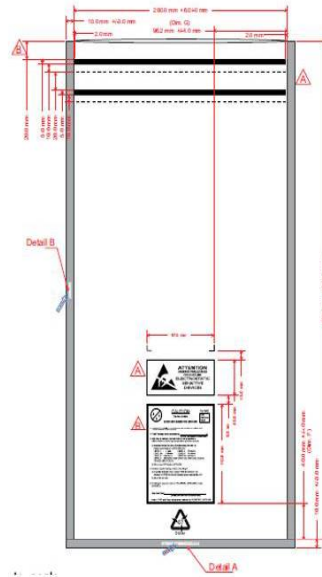
PD39100, PD69100

PD81000

DY3008-8267 REV. D



## POST CHANGE



Pre-print: MSL Caution label



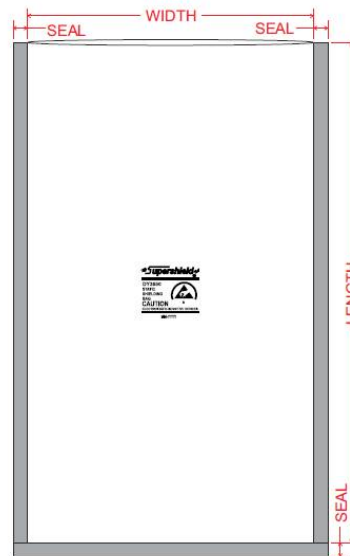
# Static Shielding Bag (SSB) for Tray (MSL-1 product) PoE-MCU

## PRE-CHANGE



MBB

## POST CHANGE



SSB



# Tray Packing Method PoE-MCU

## PRE-CHANGE

PD69200



PD39100, PD69100)



## POST CHANGE



Remove pink foam  
Tray strap: 3+1  
Desiccant: 1unit x 2 bags

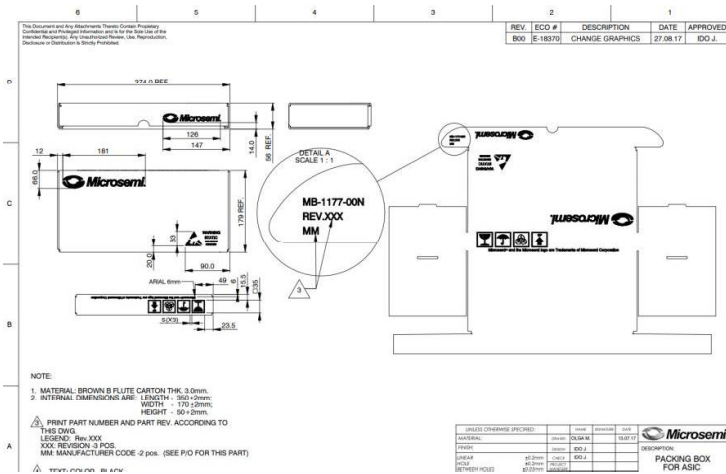


# Tray Inner Carton PoE-MCU

## PRE CHANGE

Ref. Dimension: W x L x H (cm)

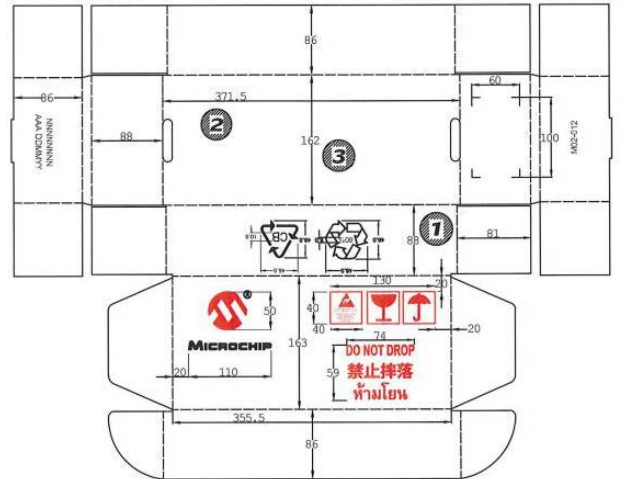
Width	Length	Height
17.9	37.14	5.6



## POST CHANGE

Ref. Dimension: W x L x H (cm)

Width	Length	Height
16.2	37.1	8.8



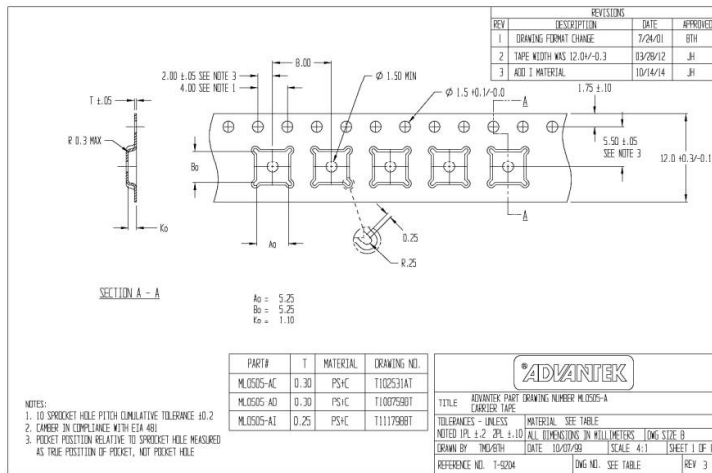
Drawing number: M02-012



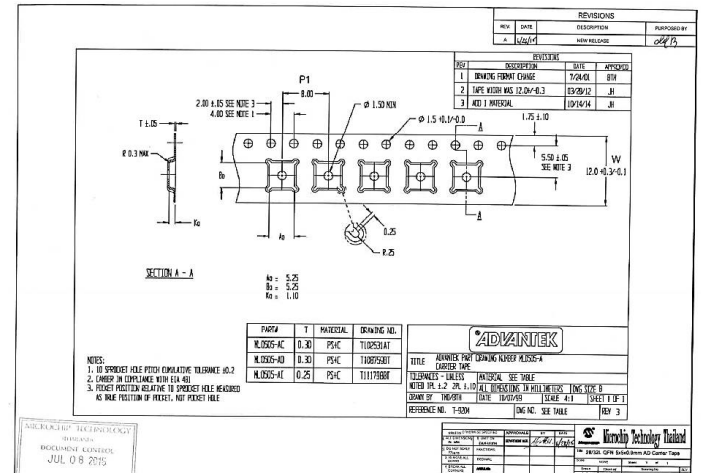
# CARRIER TAPE: PD69200

## PoE-MCU

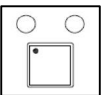
### PRE-CHANGE



### POST CHANGE



	Width(mm)	Pitch(mm)	A0(mm)	B0(mm)	K0(mm)	Thickness(m m)	Units per Reel	Pin1 Orientation
PRE	12	8	5.25	5.25	1.10	0.25 or 0.30	980	Quadrant 1
POST	12	8	5.25	5.25	1.10	0.30	980	Quadrant 1





# REEL: PD69200 QFN 5X5 PoE-MCU

## PRE-CHANGE



## POST CHANGE



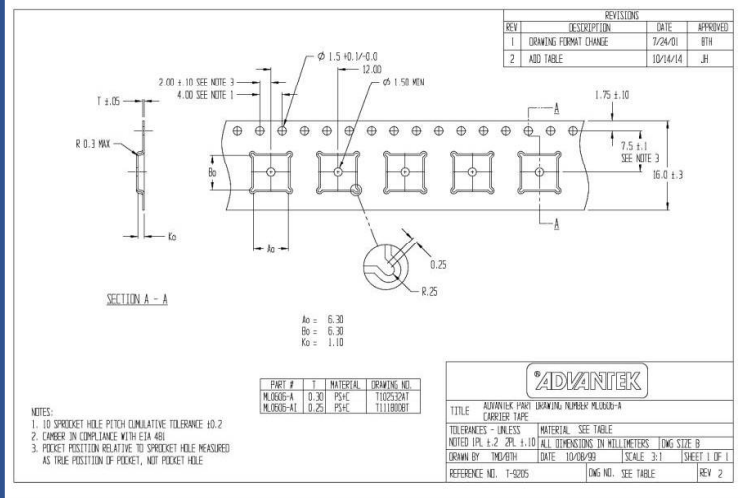
	For Carrier Tape Width	Diameter (mm)	Hub (mm)	W1 (mm)	W2 Max (mm)	Color
PRE	12mm	180	60.0	12.4	18.4	White
POST	12mm	178	60.5	12.4	18.4	Dark Blue



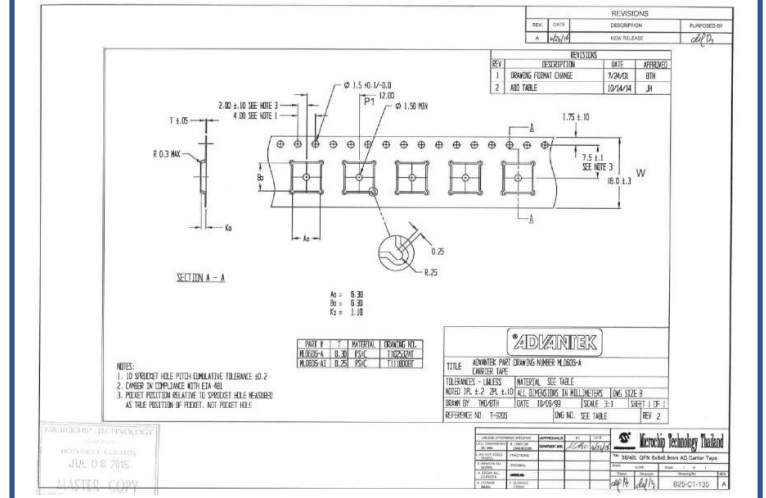


# CARRIER TAPE: PD39100 and PD69100 QFN 6x6 PoE-MCU

## PRE-CHANGE



## POST CHANGE



	Width(mm)	Pitch(mm)	A0(mm)	B0(mm)	K0(mm)	Thickness(m m)	Units per Reel	Pin1 Orientation
PRE	16	12	6.30	6.30	1.10	0.25 or 0.30	980	Quadrant 1
POST	16	12	6.30	6.30	1.10	0.30	980	Quadrant 1

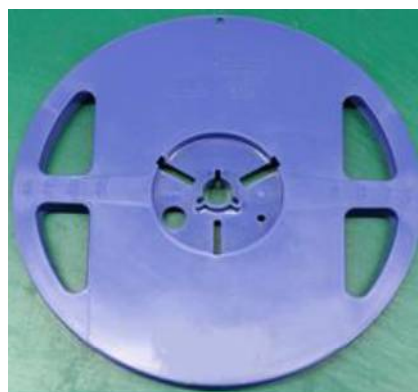


## REEL: PD39100 and PD69100 QFN 6x6 PoE-MCU

### PRE-CHANGE



### POST CHANGE

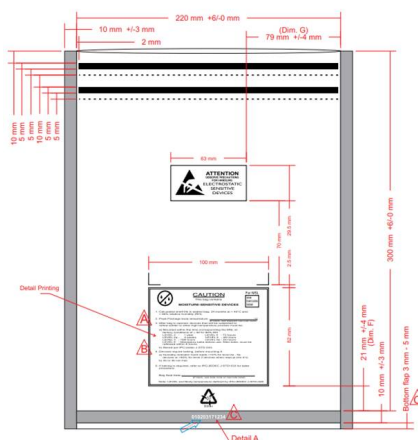


	Carrier Tape Width	Diameter (mm)	Hub (mm)	W1 (mm)	W2 Max (mm)	Color
PRE	16mm	180	62.5	16.4	22.4	Black
POST	16mm	178	60.5	16.4	22.4	Dark Blue





## POST CHANGE





# Tape and Reel Packing Method PoE-MCU

## PRE CHANGE



## POST CHANGE



- Remove bubble sheet



# Desiccant PoE-MCU

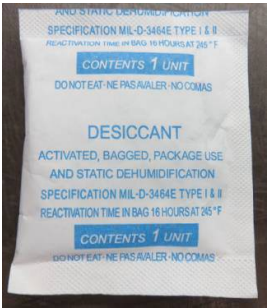
## PRE CHANGE



Compliant with Mil-D-3464, DIN 55473-B

Packing Media	No. of desiccant & bag	No. of desiccant & bag
7" TnR	2 units X 1 pouch	2 units X 1 pouch
Tray	2 units X 1 pouch	2 units X 2 pouches

## POST CHANGE



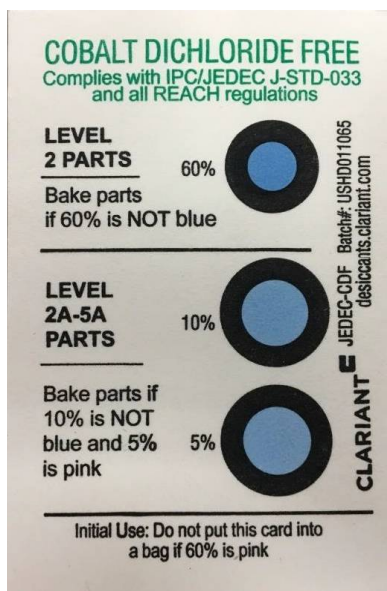
Compliant with Mil-D-3464, TYPE I and II

Packing Media	No. of desiccant & bag
7"	1 unit X 2 pouches
Tray	1 unit X 2 pouches



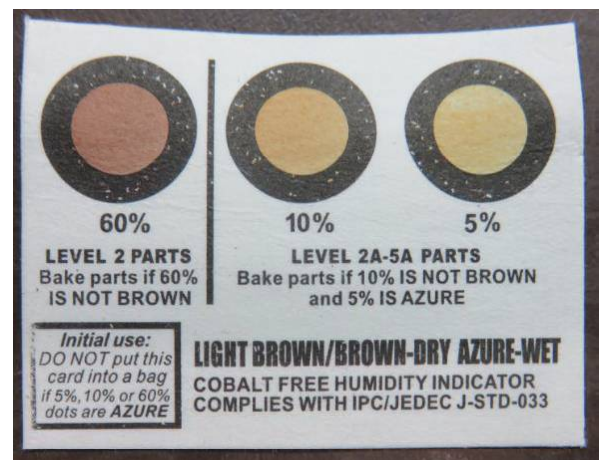
# Humidity Indicator Cards (HIC) PoE-MCU

## PRE CHANGE



- Cobalt Dichloride free

## POST CHANGE



- Cobalt free only

LIAL-25FTVP919 - CCB 4000 Final Notice: Implement Packing Changes for selected Microsemi PoE products

Affected Catalog Part Numbers(CPN)

PD69200C-017201  
PD81000-027301  
PD69100C-024801-TR  
PD69100C-023901-TR  
PD69100C-026301  
PD69100R-026515  
PD69200C-018813  
PD69200C-016721-TR  
PD39100C-026381  
PD69200C-021413-TR  
PD69200C-015101-TR  
PD69100R-026303  
PD69200R-017203  
PD39100C-025891  
PD39100R-0113  
PD69200C-017213  
PD39100R-011320  
PD69100C-026392  
PD69100C-026380  
PD69200C-019027  
PD69200R-034300  
PD69100C-024101  
PD69000AC-0415  
PD69000DC-0100  
PD69100C-023901  
PD69000AC-0411  
PD69000AC-0301  
PD69200C-012101  
PD69100C-026301-TR  
PD69000AC-0414  
PD69100R-0233  
PD69100R-0122  
PD69100R-023950  
PD69000AC-0413  
PD69000DC-0415  
PD69000DC-0303  
PD69000DC-0416  
PD69000DC-0211  
PD69100R-023903  
PD81000-027302  
PD69100R-023603  
PD69100C-023701

PD69200R-012103  
PD69100C-0233  
PD69000DC-0300  
PD69000DC-0202  
PD69100C-023204  
PD69100C-024801  
PD69200R-021120-TR  
PD69000DC-0417  
PD69100R-026504  
PD69000AC-0211  
PD69100R-025503  
PD69000AC-0404  
PD69000DC-0301  
PD69200C-018818  
PD69000DC-0404  
PD69000AC-0412  
PD69000AC-0202  
PD69100C-026001  
PD69200R-021120  
PD69200C-021019-TR  
PD69100C-024201  
PD69200R-017217  
PD69100C-024901  
PD69200C-017221  
PD69200C-016101  
PD69200C-021019  
PD69200R-017223  
PD69200C-021119  
PD69200C-018818-TR  
PD39100C-025881  
PD69200C-016701  
PD69100R-026503  
PD81000-028101  
PD69100C-0232-TR  
PD69100R-026311  
PD81000-028103  
PD69200C-021413  
PD69100C-026598  
PD69100C-026501  
PD69200C-016501  
PD39100C-026501  
PD69200R-015103  
PD69000DC-0210  
PD69000AC-0210  
PD69100C-023601  
PD69100C-025501  
PD69000DC-0414

PD69000AC-0300  
PD69000AC-0410  
PD82000-021200  
PD69200C-016121  
PD69100C-026516  
PD69100C-025880  
PD69100R-026611  
PD69100C-023290  
PD69200C-021119-TR  
PD69000DC-0400  
PD69000DC-0401  
PD69000DC-0411  
PD69100C-0122  
PD69200R-018703  
PD69200C-016721  
PD69100C-026501-TR  
PD69200C-015101  
PD69200C-018701  
PD69200R-016103  
PD69200R-021126  
PD69200R-021126-TR  
PD69200R-016703  
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PD69200R-034600  
PD69200R-021020  
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