

# Product/Process Change Notification

<b>PCN Number</b>	PCN-00971
<b>Subject</b>	Pin1 Dot Marking Standardization for Legacy Marvell Package Types

<b>PCN Date</b>	11-Jan-2023	<b>Product Type</b>	Integrated Circuit
<b>PCN Type</b>	PCI (Awareness Only)		

<b>Marvell Contact</b>	<b>Name</b>	Bimla Paul		
	<b>Phone</b>	+1 (408) 398-6646	<b>Email</b>	bimla@marvell.com

<b>Customer</b>	All Customers
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Marvell Part Numbers Affected			
Item Number			
Refer to <b>Appendix1</b>			
Areas Affected			
Assembly Process			
Description of Change			
Marvell plans to add Pin 1 dot marking on package. Refer to <b>Appendix2</b> for the sample illustrations.			
The change will be implemented in production and shipments may have mix of lots with and without Pin1 dot marking until full transition and existing inventory depleted.			
Reason / Benefit of Change			
Standardization of Pin 1 dot marking.			
Anticipated Impact on Form, Fit, Function, Quality or Reliability			
Pin1 dot marking added. No impact on fit, function, quality, and reliability.			
Qualification Status	Complete (*) In Progress	Target Implementation Date	Implementation will be phased in starting in January 2023
Qualification Samples availability		N/A	
Means of distinguishing the change		Pin1 Marking	
Comments			



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### IMPORTANT CUSTOMER NOTES:

1. Please contact your Marvell sales representative if you have any concerns with this PCI.
2. This notice is for customer awareness only; no customer acceptance required.

### PCN Revision History

<b>Revision Date:</b>	<b>Revision Number:</b>	<b>Description:</b>
11 January 2023	1	Initial Release



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### Appendix1: Affected Part Numbers

Marvell Part Numbers	
88E1111-B0-NDC2C000	88E6352-A1-TFJ2I000
88E1111-B2-BAB2C000	88E6361-A0-BXB2C000
88E1111-B2-BAB2C000-P134	88E6361-A0-BXB2I000
88E1111-B2-BAB2I000	88E6390-A0-TLA2C000
88E1111-B2-BAB2I000-P132	88E6390-A0-TLA2I000
88E1111-B2-NDC2C000	88E6390XA0-BUK2C000
88E1111-B2-NDC2C000-P123	88E6390XA0-BUK2I000
88E1111-B2-NDC2I000	88E6390XA0-BUK2I000-P132
88E1111-B2-RCJ1C000	88E6393XA0-BXB2C000
88E1112-C2-NNC1C000	88E6393XA0-BXB2I000
88E1112-C2-NNC1I000	88E7200-A1-LKJ2C400
88E1112CC2-NNC1C000	88E7251-A1-LKJ2C400
88E1112CC2-NNC1C000-P123	88E7251FA1-TAH2C400
88E1113-C2-NNC1C000	88E8059-A0-NNB2C000
88E1114-C2-NNC1C000	88E8059-A0-NNC2C000
88E1116-A1-NNC1C000	88E8080-A1-NMN2C000
88E1116RA0-NNC1C000	88E8080-A1-NMN2C000-P123
88E1116RA0-NNC1C000-P123	88EA1512B2-NNP2A000
88E1118-A1-NNC1C000	88EA1512B2-NNP2A000-P123
88E1118-A1-NNC1C000-P123	88EA1517B2-NMB2A000
88E1118-A1-NNC1I000	88EA1517B2-NMB2A000-P123
88E1118RA0-NNC2C000	88EA6321A0-TFJ2A000
88E1119RA0-NNW2C000	88EA6321A0-TFJ2A000-P123
88E1119RA0-NNW2I000	88EA6352A1-TFJ2A000
88E1121RA0-TFE1C000	88EA6352A1-TFJ2A000-P188



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88E1145-E1-BBM1C000	88EA6352A1-TFJ2A0G3
88E1145-E1-BBM1I000	88EC037-A1-NNC1C000-P108
88E1145-E1-BBM1I000-P132	88EC037-A1-NNC1C000-P109
88E1145-E1-BBM1I000-W580	88EC037-A1-NNC1I000-P108
88E1240-A1-BAM1C000	88EC037-A1-NNC1I000-P109
88E1240-A1-TAH2C000	88EC038-A1-NNC1C000-P109
88E1310-A0-NNB2C000	88EC045-C2-NNC2C000
88E1310SA0-NNB2C000	88EC048-A0-NNB2C000
88E1318-A0-NNB2C000	88EC049-A2-NNC2C000-P108
88E1318SA0-NNB2C000	88EC049-A2-NNC2C000-P109
88E1322-A0-BAM2C000	88EC049-A2-NNC2I000-P108
88E1322-A0-BAM2I000	88EC049-A2-NNC2I000-P109
88E1322-A0-BAM2I000-P132	88EC050-A2-NMT2I000-P108
88E1322-A0-LKJ2C000	88EC050-A2-NMT2I000-P109
88E1340-A0-BAM2C000	88EC050-A2-NNC2C000-P109
88E1340-A0-BAM2C000-A138	88EC050-A2-NNC2I000-P108
88E1340-A0-BAM2I000	88EC050-A2-NNC2I000-P109
88E1340LA3-BAM2C000	88EC051-A2-NNC2C000-P108
88E1340QA0-LKJ2C000	88EC051-A2-NNC2C000-P109
88E1340SA0-BAM2C000	88EC053-A1-BVW4C000-P123
88E1340SA0-BAM2I000	88EC055-A1-BVW4C000-P108
88E1340SA0-BAM2I000-P132	88EC055-A1-BVW4C000-P109
88E1346-A0-BAM2C000-P109	88EC055-A1-BVW4I000-P109
88E1510-A0-NNB2C000	88EC057-A2-NMT2I000-P187
88E1510-A0-NNB2C000-P134	88EC063-A0-BAM2C000
88E1510-A0-NNB2I000	88EC063SA0-BAM2C000
88E1510PB2-NNB2C000	88EC065-A1-LKJ2C000

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88E1510PB2-NNB2I000	88EC068-A0-NNB2C000
88E1510QB2-NNB2I000	88EC130-A0-BNS2C000TP173
88E1512-A0-NNP2C000	88EC253-A1-BWK2C000-P108
88E1512-A0-NNP2C000-W513	88EC253-A1-BWK2C000-P109
88E1512-A0-NNP2I000	88NR2241B0-BWW2C00B
88E1512-A0-NNP2I000-P123	88NR2241B0-BWW2C00E
88E1512-A0-NNP2I000-P132	88NR2241B0-BWW2C00L
88E1512-A0-NNP2I000-W580	88NR2241B0-BWW2C00V
88E1512-A0-NNP2I000TP132	88NV1120B0-BTZ2C000-P123
88E1512PB2-NNP2C000	88NV1120B0-BTZ2I000-P123
88E1512PB2-NNP2I000	88NV1120B2-BTZ2C000-P123
88E1512PB2-NNP2I000-W580	88NV1120B2-BTZ2C000TP182
88E1514-A0-NNP2C000	88NV1160B0-BVT2C000-P123
88E1514-A0-NNP2C000-P123	88PG821AA3-NXS2C000-T
88E1514PB2-NNP2C000	88PG823-A0-NPD2C000-T
88E1518-A0-NNB2C000	88PG852HB1-NPE2C000-P123
88E1522LA1-BKC2C000	88PG867-B1-NNY2C000-T
88E1542LA2-BAM2C000	88PG867AB1-NNY2C000-T
88E1543-A1-LKJ2C000	88PG867RB0-NNY2C000-T
88E1543MA2-LKJ2C000	88PG868AB1-NNY2C000-T
88E1545-A1-LKJ2C000	88PG870-A2-NPD2C000-T
88E1545MA2-LKJ2C000	88PG870GA2-NPD2C000-T
88E1545MA2-LKJ2C000-W580	88Q1010-B0-NYA2A000
88E1548-A1-BAM2C000	88Q1010-B0-NYA2A000-P123
88E1548LA2-BAM2C000	88Q1110-B0-NYA2A000
88E1548MA2-BAM2C000	88Q1110-B0-NYA2A000-P123
88E1548PA0-BAM2C000	88Q1110-B0-NYA2A000TP188



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88E1548PA0-BAM2I000	88Q1111-B0-NYA2A000
88E1680-A2-LKJ2C000	88Q1111-B0-NYA2A000-P123
88E1680-A2-LKJ2I000	88Q2110-A2-NYA2A000
88E1680LA0-LKJ2C000	88Q2110-A2-NYA2A000-P123
88E1680MA0-LKJ2C000	88Q2110-A2-NYA2A000TP188
88E1685-A2-LKJ2C000	88Q2112-A2-NYD2A000
88E1685-A2-LKJ2C000-W000	88Q2112-A2-NYD2A000-P123
88E1690-A0-BUK2C000	88Q2112-A2-NYD2A000-S110
88E1780-A0-LKJ2C000	88Q2120-A2-NYA2A000
88E2010-A1-BUS4C000	88Q2120-A2-NYA2A000-P123
88E2010-A1-BUS4I000	88Q2122-A2-NYD2A000
88E2010PA1-BUS4C000	88Q2122-A2-NYD2A000-P123
88E2010PA1-BUS4I000	88Q5030-B0-LKJ2A000
88E2040LA1-BUT4C000	88Q5030-B0-LKJ2A000-P123
88E2040LA1-BUT4I000	88Q5054-B0-BZA2A000
88E2040PA1-BUT4C000	88Q5054-B0-BZA2A000-P123
88E2110-A0-BWS4C000	88RC9580B3-BJB2C000
88E2110-A0-BWS4I000	88RF830NB1-GAM2C000-P123
88E2180-A1-BWE4C000	88SA8052B1-NNC2A000
88E2180-A1-BWE4I000	88SA8052B1-NNC2C000
88E2580-A0-DFQ4C000	88SA8052B1-NNC2I000
88E2580-A0-DFQ4I000	88SC9210C0-BCY2C000-P134
88E3015-A2-NNP1C000	88SE1475A1-BSS2C000-A189
88E3016-A2-NNC1C000	88SE1485A1-BSS2C000-A189
88E3018-A2-NNC1C000	88SE1495A1-BSS2C000-A189
88E3018-A2-NNC1I000	88SE9170A2-NNX2C000
88E3018-A2-NNC1I000TP132	88SE9170A2-NNX2I000



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88E3019-A0-NAJ2C000	88SE9171A2-NNX2C000
88E3082-C1-BAR1C000	88SE9171A2-NNX2I000
88E3082-C1-BAR1I000	88SE9182A2-NNX2A000
88E3083-C1-LKJ1C000	88SE9182A2-NNX2C000
88E3680-A2-LKJ2C000	88SE9182A2-NNX2I000
88E6020-B1-NNC2C000	88SE9215A1-NAA2C000
88E6020-B1-NNC2I000	88SE9215A1-NAA2I000
88E6031-A1-LAJ1C000	88SE9230A1-NAA2C000
88E6035-A1-LAJ1C000	88SE9230A1-NAA2C000-W572
88E6046-A2-TAH1C000	88SE9235A1-NAA2C000
88E6046-A2-TAH1I000	88SE9235A1-NAA2I000
88E6046FA2-LGO1I000	88SE9345C3-BMJ2C000
88E6060-B0-RCJ1C000	88SE9445C3-BMJ2C000
88E6060-B0-RCJ1I000	88SE9480C3-BJA2C000
88E6061-A1-LAJ1C000	88SE9485C3-BJA2C000
88E6061-A1-LAJ1C000-P123	88SF9110B0-NNR2C000
88E6061-A1-LAJ1I000	88SF9210B0-NNR2C000
88E6063-C1-RCJ1C000	88SF9210B0-NNR2C000-W567
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88E6065-A1-LAJ1I000	88SM9715A0-NNR2C000
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88E6065BA1-LAJ1I000	88SS1033C0-BVL2C000-P167
88E6070-B1-NNC2C000	88SS1033C1-BVL2C000-P167
88E6071-B1-NNC2C000	88SS1074B1-BSW2C000
88E6071-B1-NNC2I000	88SS1074B1-BSW2C000-P123
88E6083-B0-LGR1C000	88SS1074B1-BSW2C000-T411



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88E6083-B0-LGR1I000	88SS1074B1-BSW2C200
88E6085-A2-TAH1C000	88SS1074B3-BSW2C000-P154
88E6085-A2-TAH1I000	88SS1079A0-BSW2C000
88E6092-A3-TAH1C000	88SS1080A0-BSW2C000
88E6095-A3-TAH1C000	88SS1080A0-BSW2I000
88E6095-A3-TAH1I000	88SS1092B1-BTB2C000
88E6095FA3-LGO1C000	88SS1092B1-BTB2C000-P123
88E6095FA3-LGO1C000-W580	88SS1093B1-BTB2C000-P182
88E6095FA3-LGO1I000	88SS1100B2-BWF2C000
88E6096-A2-TAH1C000	88SS1320A2-BWV2C0P1TP173
88E6097-A2-TAH1C000	88SS1321B2-BZF2C000
88E6097-A2-TAH1I000	88SS1321B2-BZF2I000
88E6097FA2-LGO1C000	88SS1322B2-DAK2C000
88E6097FA2-LGO1I000	88SS1322B2-DAK2C000TP189
88E6097FA2-LGO1I000-A138	88SS1322B2-DAK2I000
88E6121-B2-LKJ1C000	88SS9188A0-BJM2C000
88E6121-B2-LKJ1I000	88T12110A1-NYA2I000
88E6122-B2-LKJ1C000	88T12110A2-NYA2I000
88E6122-B2-LKJ1I000	88T12112A2-NYD2I000
88E6122-B2-LKJ1I000-P132	88X2222MB0-BKP2C000
88E6123-A2-LKJ2C000	88X2340PA1-BUT4I000
88E6131-B2-LAR1C000	88X2381-A1-BVV4C000
88E6131-B2-LAR1I000	88X3120-C0-BPB4C000-W101
88E6141-A0-NXU2C000	88X3310-B0-BUS4I000
88E6152-A2-LKJ1C000	88X3310PA1-BUS4C000-T262
88E6155-A2-LKJ1C000	88X3310PB0-BUS4C000
88E6161-A2-LGO2C000	88X3310PB0-BUS4I000





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88E6161-A2-LGO2I000	88X3340-A1-BUT4I000
88E6165-A2-LGO2C000	88X3580-A0-DFQ4I000
88E6165-A2-LGO2I000	88X5113-A1-BVW4C000-P132
88E6171-A1-TAH2C000	88X5113-A1-BVW4I000
88E6171RA1-TFJ2C000	88X5113-A1-BVW4I000-W580
88E6171RA1-TFJ2C000-P134	88X5121-A1-BVV4C000
88E6172-A1-TFJ2C000	88X5243PC0-BZM4I000
88E6172-A1-TFJ2C000-P123	88X7120-A0-BXC4C000
88E6175RA1-TFJ2C000	88X7121MC0-BZM4C000
88E6176-A1-TFJ2C000	88X7121PC0-BZM4I000
88E6176-A1-TFJ2C000-W556	88X9121PC0-BZM4C000
88E6176-A1-TFJ2I000	88i1017-B0-NDB2C000
88E6176-A1-TFJ2I000-P123	88i1017-B0-NDB2C290
88E6182-A2-LKJ1C000	88i1038-D1-BMU2C000
88E6185-A2-LKJ1C000	88i1038-D2-BMU2C000
88E6185-A2-LKJ1I000	88i1038-D2-BMU2C001
88E6185-A2-LKJ1I000-P132	88i1047-E0-NDB2C000-P115
88E6190-A0-TLA2C000	88i1047-E0-NDB2C000-W570
88E6190RA0-TLA2C000	88i1053-A0-NXZ2C000-P115
88E6190XA0-BUK2C000	88i1054-A1-NXZ2C000-P115
88E6191XA0-BXB2C000	88i1162-B0-BTX2C000-P180
88E6191XA0-BXB2C000-W102	88i1164-A0-NDB2C000-P180
88E6193XA0-BXB2C000	88i1215-B0-BWI2C000-P123
88E6193XA0-BXB2C000-W102	88i1215-B0-BWJ2C000-P123
88E6218-B1-LGO1C000	88i1215-B1-BWJ2C000-P123
88E6220-B1-NNC2C000	88i1261-B1-BTX2C000-P180
88E6220-B1-NNC2I000	88i1262-B1-BTX2C000-P180



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<b>PCN Number</b>	PCN-00971
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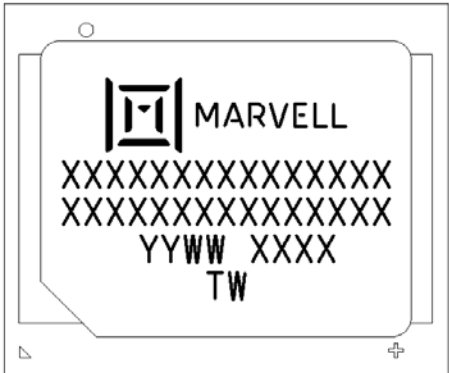
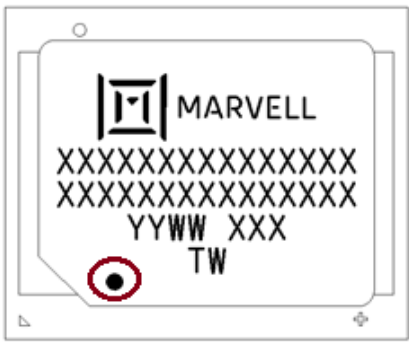
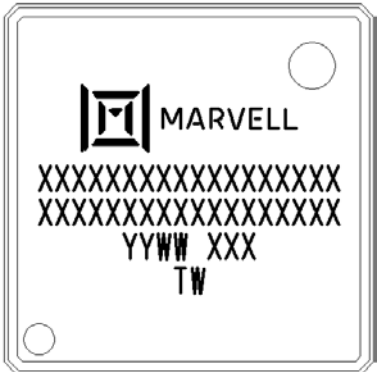
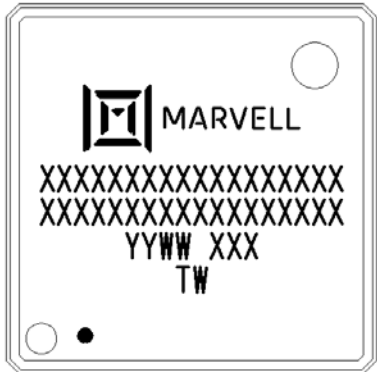
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88E6320-A0-NAZ2C000	88i9319-C1-RAI2C000
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88E6321-A0-NAZ2I000	88i9419-B2-NDB2C275
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88E6321-A0-NAZ2I000-P132	88i9446MC0-NDB2C000-P115
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88E6341-A0-NXU2I000	IN040C50-MD03-13GC-S02P-F001
88E6350-A1-TAH2C000	IN080C0C-BD03-14GC-S02P-F001
88E6350RA1-TFJ2C000	IN080C0C-BD03-14GC-S02X-F001
88E6350RA1-TFJ2I000	IN080C0C-BS03-15GC-S02P-F001
88E6351-A1-TAH2C000	IN080C0C-BS03-15GC-S02X-F001
88E6351-A1-TAH2I000	IN115050-LF02-23GC-S02P
88E6352-A1-TFJ2C000	MSB0125-B0-NYF2C000
88E6352-A1-TFJ2C000-P123	MV-EC8840-A0-BXE-C000

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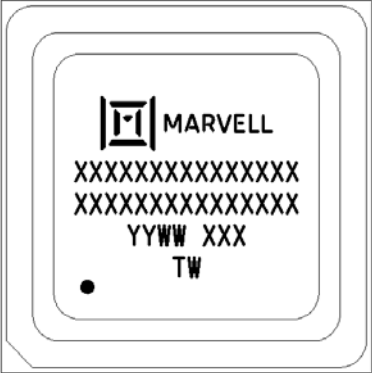

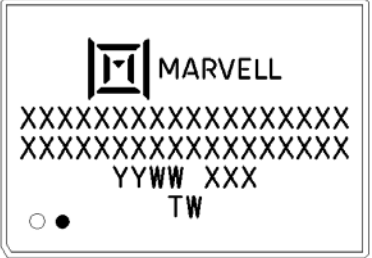


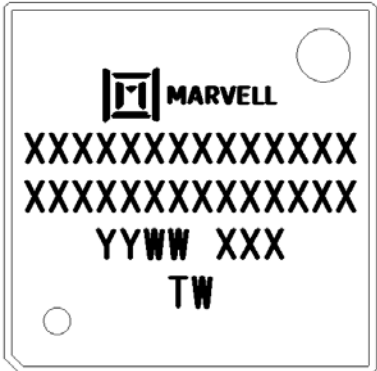
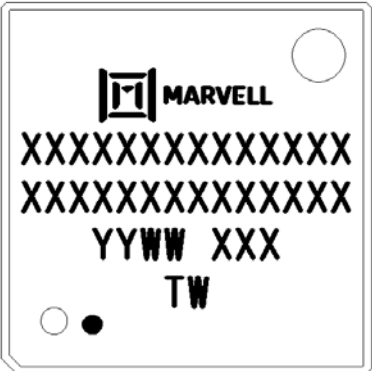
### Appendix2: Illustration of Pin 1 Marking on Legacy Marvell devices

*Note: The illustrations are just examples to show the marking difference on the package. It does not include all the package types.*

Before	After (with Pin 1 dot on the marking area)
	
	

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