



Product/Process Change Notification

PCN Number	PCN-00971-REV2
Subject	Pin1 Dot Marking Standardization for Legacy Marvell Package Types

PCN Date	1-Feb-2023	Product Type	Integrated Circuit
PCN Type	PCI (Awareness Only)		

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

Customer	All Customers
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Marvell Part Numbers Affected			
Item Number			
Refer to Appendix1			
Areas Affected			
Assembly Process			
Description of Change			
<p>Marvell plans to add Pin 1 dot marking on package. Refer to Appendix2 for the sample illustrations.</p> <p>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.</p>			
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	N/A	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.
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PCN Revision History		
Revision Date:	Revision Number:	Description:
11 January 2023	1	Initial Release
1 February 2023	2	Removed automotive part numbers and added 88SS1322B2-DAK2C001TP189



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Appendix1: Affected Part Numbers

Marvell Part Numbers	
88E1111-B0-NDC2C000	88E1112-C2-NNC1C000
88E1111-B2-BAB2C000	88E1112-C2-NNC1I000
88E1111-B2-BAB2C000-P134	88E1112CC2-NNC1C000
88E1111-B2-BAB2I000	88E1112CC2-NNC1C000-P123
88E1111-B2-BAB2I000-P132	88E1113-C2-NNC1C000
88E1111-B2-NDC2C000	88E1114-C2-NNC1C000
88E1111-B2-NDC2C000-P123	88E1116-A1-NNC1C000
88E1111-B2-NDC2I000	88E1116RA0-NNC1C000
88E1111-B2-RCJ1C000	88E1116RA0-NNC1C000-P123
88E1118-A1-NNC1C000	88E1340SA0-BAM2I000
88E1118-A1-NNC1C000-P123	88E1340SA0-BAM2I000-P132
88E1118-A1-NNC1I000	88E1346-A0-BAM2C000-P109
88E1118RA0-NNC2C000	88E1510-A0-NNB2C000
88E1119RA0-NNW2C000	88E1510-A0-NNB2C000-P134
88E1119RA0-NNW2I000	88E1510-A0-NNB2I000
88E1121RA0-TFE1C000	88E1510PB2-NNB2C000
88E1145-E1-BBM1C000	88E1510PB2-NNB2I000
88E1145-E1-BBM1I000	88E1510QB2-NNB2I000
88E1145-E1-BBM1I000-P132	88E1512-A0-NNP2C000
88E1145-E1-BBM1I000-W580	88E1512-A0-NNP2C000-W513
88E1240-A1-BAM1C000	88E1512-A0-NNP2I000
88E1240-A1-TAH2C000	88E1512-A0-NNP2I000-P123
88E1310-A0-NNB2C000	88E1512-A0-NNP2I000-P132
88E1310SA0-NNB2C000	88E1512-A0-NNP2I000-W580
88E1318-A0-NNB2C000	88E1512-A0-NNP2I000TP132



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88E1318SA0-NNB2C000	88E1512PB2-NNP2C000
88E1322-A0-BAM2C000	88E1512PB2-NNP2I000
88E1322-A0-BAM2I000	88E1512PB2-NNP2I000-W580
88E1322-A0-BAM2I000-P132	88E1514-A0-NNP2C000
88E1322-A0-LKJ2C000	88E1514-A0-NNP2C000-P123
88E1340-A0-BAM2C000	88E1514PB2-NNP2C000
88E1340-A0-BAM2C000-A138	88E1518-A0-NNB2C000
88E1340-A0-BAM2I000	88E1522LA1-BKC2C000
88E1340LA3-BAM2C000	88E1542LA2-BAM2C000
88E1340QA0-LKJ2C000	88E1543-A1-LKJ2C000
88E1340SA0-BAM2C000	88E1543MA2-LKJ2C000
88E1545-A1-LKJ2C000	88E2580-A0-DFQ4C000
88E1545MA2-LKJ2C000	88E2580-A0-DFQ4I000
88E1545MA2-LKJ2C000-W580	88E3015-A2-NNP1C000
88E1548-A1-BAM2C000	88E3016-A2-NNC1C000
88E1548LA2-BAM2C000	88E3018-A2-NNC1C000
88E1548MA2-BAM2C000	88E3018-A2-NNC1I000
88E1548PA0-BAM2C000	88E3018-A2-NNC1I000TP132
88E1548PA0-BAM2I000	88E3019-A0-NAJ2C000
88E1680-A2-LKJ2C000	88E3082-C1-BAR1C000
88E1680-A2-LKJ2I000	88E3082-C1-BAR1I000
88E1680LA0-LKJ2C000	88E3083-C1-LKJ1C000
88E1680MA0-LKJ2C000	88E3680-A2-LKJ2C000
88E1685-A2-LKJ2C000	88E6020-B1-NNC2C000
88E1685-A2-LKJ2C000-W000	88E6020-B1-NNC2I000
88E1690-A0-BUK2C000	88E6031-A1-LAJ1C000
88E1780-A0-LKJ2C000	88E6035-A1-LAJ1C000



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88E2010-A1-BUS4C000	88E6046-A2-TAH1C000
88E2010-A1-BUS4I000	88E6046-A2-TAH1I000
88E2010PA1-BUS4C000	88E6046FA2-LGO1I000
88E2010PA1-BUS4I000	88E6060-B0-RCJ1C000
88E2040LA1-BUT4C000	88E6060-B0-RCJ1I000
88E2040LA1-BUT4I000	88E6061-A1-LAJ1C000
88E2040PA1-BUT4C000	88E6061-A1-LAJ1C000-P123
88E2110-A0-BWS4C000	88E6061-A1-LAJ1I000
88E2110-A0-BWS4I000	88E6063-C1-RCJ1C000
88E2180-A1-BWE4C000	88E6063-C1-RCJ1I000
88E2180-A1-BWE4I000	88E6065-A1-LAJ1C000
88E6065-A1-LAJ1I000	88E6123-A2-LKJ2C000
88E6065BA1-LAJ1C000	88E6131-B2-LAR1C000
88E6065BA1-LAJ1I000	88E6131-B2-LAR1I000
88E6070-B1-NNC2C000	88E6141-A0-NXU2C000
88E6071-B1-NNC2C000	88E6152-A2-LKJ1C000
88E6071-B1-NNC2I000	88E6155-A2-LKJ1C000
88E6083-B0-LGR1C000	88E6161-A2-LGO2C000
88E6083-B0-LGR1I000	88E6161-A2-LGO2I000
88E6085-A2-TAH1C000	88E6165-A2-LGO2C000
88E6085-A2-TAH1I000	88E6165-A2-LGO2I000
88E6092-A3-TAH1C000	88E6171-A1-TAH2C000
88E6095-A3-TAH1C000	88E6171RA1-TFJ2C000
88E6095-A3-TAH1I000	88E6171RA1-TFJ2C000-P134
88E6095FA3-LGO1C000	88E6172-A1-TFJ2C000
88E6095FA3-LGO1C000-W580	88E6172-A1-TFJ2C000-P123
88E6095FA3-LGO1I000	88E6175RA1-TFJ2C000



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88E6096-A2-TAH1C000	88E6176-A1-TFJ2C000
88E6097-A2-TAH1C000	88E6176-A1-TFJ2C000-W556
88E6097-A2-TAH1I000	88E6176-A1-TFJ2I000
88E6097FA2-LGO1C000	88E6176-A1-TFJ2I000-P123
88E6097FA2-LGO1I000	88E6182-A2-LKJ1C000
88E6097FA2-LGO1I000-A138	88E6185-A2-LKJ1C000
88E6121-B2-LKJ1C000	88E6185-A2-LKJ1I000
88E6121-B2-LKJ1I000	88E6185-A2-LKJ1I000-P132
88E6122-B2-LKJ1C000	88E6190-A0-TLA2C000
88E6122-B2-LKJ1I000	88E6190RA0-TLA2C000
88E6122-B2-LKJ1I000-P132	88E6190XA0-BUK2C000
88E6191XA0-BXB2C000	88E6352-A1-TFJ2I000
88E6191XA0-BXB2C000-W102	88E6361-A0-BXB2C000
88E6193XA0-BXB2C000	88E6361-A0-BXB2I000
88E6193XA0-BXB2C000-W102	88E6390-A0-TLA2C000
88E6218-B1-LGO1C000	88E6390-A0-TLA2I000
88E6220-B1-NNC2C000	88E6390XA0-BUK2C000
88E6220-B1-NNC2I000	88E6390XA0-BUK2I000
88E6240-A1-TFJ2C000	88E6390XA0-BUK2I000-P132
88E6240-A1-TFJ2I000	88E6393XA0-BXB2C000
88E6250-B1-NNC2C000	88E6393XA0-BXB2I000
88E6250-B1-NNC2I000	88E7200-A1-LKJ2C400
88E6290-A0-TLA2C000	88E7251-A1-LKJ2C400
88E6290-A0-TLA2I000	88E7251FA1-TAH2C400
88E6320-A0-NAZ2C000	88E8059-A0-NNB2C000
88E6321-A0-NAZ2C000	88E8059-A0-NNC2C000
88E6321-A0-NAZ2I000	88EC037-A1-NNC1C000-P108



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88E6321-A0-NAZ2I000-P123	88EC037-A1-NNC1C000-P109
88E6321-A0-NAZ2I000-P132	88EC037-A1-NNC1I000-P108
88E6341-A0-NXU2C000	88EC037-A1-NNC1I000-P109
88E6341-A0-NXU2I000	88EC038-A1-NNC1C000-P109
88E6350-A1-TAH2C000	88EC045-C2-NNC2C000
88E6350RA1-TFJ2C000	88EC048-A0-NNB2C000
88E6350RA1-TFJ2I000	88EC049-A2-NNC2C000-P108
88E6351-A1-TAH2C000	88EC049-A2-NNC2C000-P109
88E6351-A1-TAH2I000	88EC049-A2-NNC2I000-P108
88E6352-A1-TFJ2C000	88EC049-A2-NNC2I000-P109
88E6352-A1-TFJ2C000-P123	88EC050-A2-NMT2I000-P108
88EC050-A2-NMT2I000-P109	88i1164-A0-NDB2C000-P180
88EC050-A2-NNC2C000-P109	88i1215-B0-BWI2C000-P123
88EC050-A2-NNC2I000-P108	88i1215-B0-BWJ2C000-P123
88EC050-A2-NNC2I000-P109	88i1215-B1-BWJ2C000-P123
88EC051-A2-NNC2C000-P108	88i1261-B1-BTX2C000-P180
88EC051-A2-NNC2C000-P109	88i1262-B1-BTX2C000-P180
88EC053-A1-BVW4C000-P123	88i1264-A0-BXA2C000-P180
88EC055-A1-BVW4C000-P108	88i1266-A0-BXA2C000-P180
88EC055-A1-BVW4C000-P109	88i4748-A0-TFJ2C000-P115
88EC055-A1-BVW4I000-P109	88i9312-B1-TFJ2C000
88EC063-A0-BAM2C000	88i9317-C1-RAI2C000
88EC063SA0-BAM2C000	88i9317-C1-RAI2I000
88EC065-A1-LKJ2C000	88i9319-C1-RAI2C000
88EC068-A0-NNB2C000	88i9417-B2-RAI2C000
88EC130-A0-BNS2C000TP173	88i9419-B2-NDB2C275
88EC253-A1-BWK2C000-P108	88i9419-B3-NDB2C275



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88EC253-A1-BWK2C000-P109	88i9446MC0-NDB2C000-P115
88i1017-B0-NDB2C000	88NR2241B0-BWW2C00B
88i1017-B0-NDB2C290	88NR2241B0-BWW2C00E
88i1038-D1-BMU2C000	88NR2241B0-BWW2C00L
88i1038-D2-BMU2C000	88NR2241B0-BWW2C00V
88i1038-D2-BMU2C001	88NV1120B0-BTZ2C000-P123
88i1047-E0-NDB2C000-P115	88NV1120B0-BTZ2I000-P123
88i1047-E0-NDB2C000-W570	88NV1120B2-BTZ2C000-P123
88i1053-A0-NXZ2C000-P115	88NV1120B2-BTZ2C000TP182
88i1054-A1-NXZ2C000-P115	88NV1160B0-BVT2C000-P123
88i1162-B0-BTX2C000-P180	88PG821AA3-NXS2C000-T
88PG823-A0-NPD2C000-T	88SE9230A1-NAA2C000-W572
88PG852HB1-NPE2C000-P123	88SE9235A1-NAA2C000
88PG867-B1-NNY2C000-T	88SE9235A1-NAA2I000
88PG867AB1-NNY2C000-T	88SE9480C3-BJA2C000
88PG867RB0-NNY2C000-T	88SE9485C3-BJA2C000
88PG868AB1-NNY2C000-T	88SF9110B0-NNR2C000
88PG870-A2-NPD2C000-T	88SF9210B0-NNR2C000
88PG870GA2-NPD2C000-T	88SF9210B0-NNR2C000-W567
88RC9580B3-BJB2C000	88SM9705A0-NNR2C000
88RF830NB1-GAM2C000-P123	88SM9705A0-NNR2I000
88SA8052B1-NNC2A000	88SM9715A0-NNR2C000
88SA8052B1-NNC2C000	88SM9715A0-NNR2I000
88SA8052B1-NNC2I000	88SS1033C0-BVL2C000-P167
88SC9210C0-BCY2C000-P134	88SS1033C1-BVL2C000-P167
88SE1475A1-BSS2C000-A189	88SS1074B1-BSW2C000
88SE1485A1-BSS2C000-A189	88SS1074B1-BSW2C000-P123



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88SE1495A1-BSS2C000-A189	88X3310PB0-BUS4C000
88SE9170A2-NNX2C000	88X3310PB0-BUS4I000
88SE9170A2-NNX2I000	88X3340-A1-BUT4I000
88SE9171A2-NNX2C000	88X3580-A0-DFQ4I000
88SE9171A2-NNX2I000	88X5113-A1-BVW4C000-P132
88SE9182A2-NNX2A000	88X5113-A1-BVW4I000
88SE9182A2-NNX2C000	88X5113-A1-BVW4I000-W580
88SE9182A2-NNX2I000	88X5121-A1-BVV4C000
88SE9215A1-NAA2C000	88X5243PC0-BZM4I000
88SE9215A1-NAA2I000	88X7120-A0-BXC4C000
88SE9230A1-NAA2C000	88X7121MC0-BZM4C000
88SS1321B2-BZF2C000	88SS1074B1-BSW2C000-T411
88SS1321B2-BZF2I000	88SS1074B1-BSW2C200
88SS1322B2-DAK2C000	88SS1074B3-BSW2C000-P154
88SS1322B2-DAK2C000TP189	88SS1079A0-BSW2C000
88SS1322B2-DAK2C001TP189	88SS1080A0-BSW2C000
88SS1322B2-DAK2I000	88SS1080A0-BSW2I000
88SS9188A0-BJM2C000	88SS1092B1-BTB2C000
88T12110A1-NYA2I000	88SS1092B1-BTB2C000-P123
88T12110A2-NYA2I000	88SS1093B1-BTB2C000-P182
88T12112A2-NYD2I000	88SS1100B2-BWF2C000
88X2222MB0-BKP2C000	88SS1320A2-BWV2C0P1TP173
88X2340PA1-BUT4I000	88X7121PC0-BZM4I000
88X2381-A1-BVV4C000	88X9121PC0-BZM4C000
88X3120-C0-BPB4C000-W101	IN040C50-CS03-13GC-S02P-F001
88X3310-B0-BUS4I000	IN040C50-MD03-13GC-S02P-F001
88X3310PA1-BUS4C000-T262	IN080C0C-BD03-14GC-S02P-F001

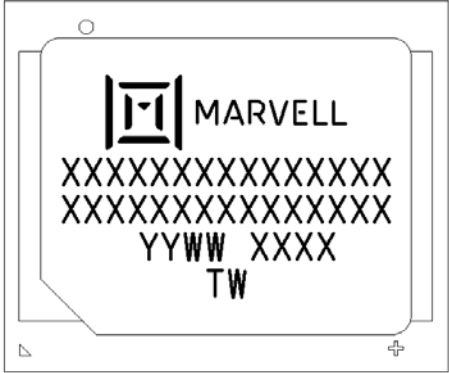
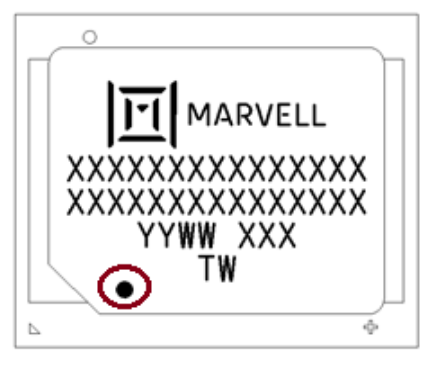
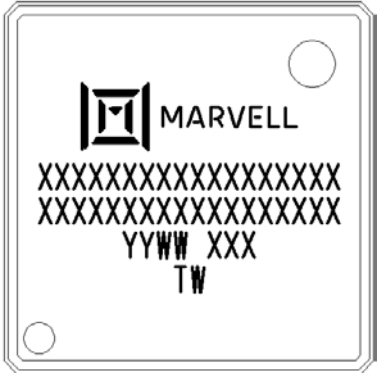
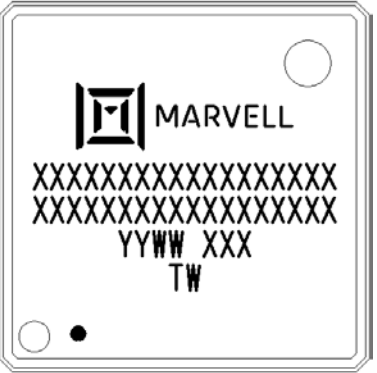
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IN080C0C-BD03-14GC-S02X-F001	IN115050-LF02-23GC-S02P
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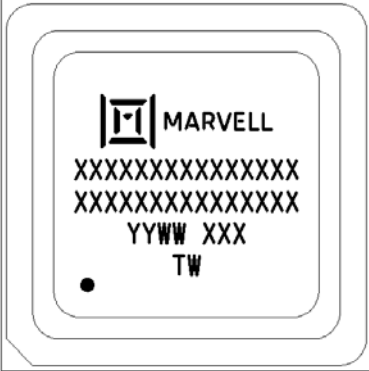

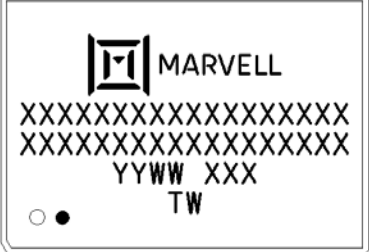
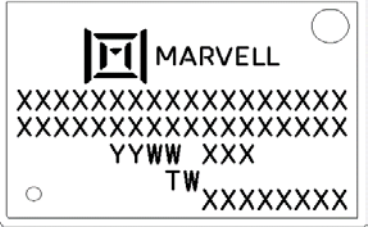
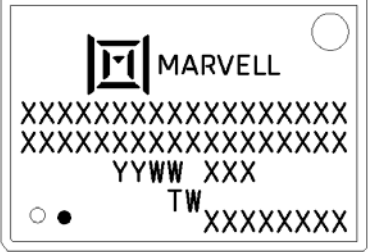
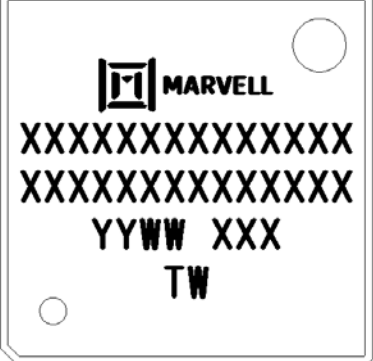
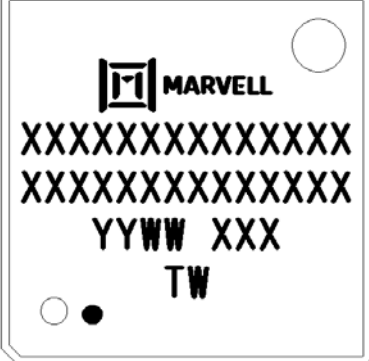
Appendix2: Illustration of Pin 1 Marking on Legacy Marvell devices

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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