

Appendix B. Antenna List

Table for Filed Antenna

| No. | Brand | Ant. Type | Con. Type | Peak Gain (dBi) | Model No. |
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| 01 | LYNwave | PIFA | IPEX | 3.5 | ALA110-222050-300010 |
| 02 | HuiZhou Speed Wireless | PIFA | IPEX | TX1: 1.63 TX2: 0.19 | TX1: DC33001KP10 / F.0G.FP-6004-002 TX2: DC33001KP00 / F.0G.FP-6004-001 |
| 03 | ACON | PIFA | IPEX | TX 1: -0.19 TX 2: -0.99 | AWP6P |
| 04 | Yageo | PIFA | IPEX | TX 1: -0.11 TX 2: 0.07 | TX 1: CAN4313ZP0648WXA1 TX 2: CAN4313ZP0648WXA2 |
| 05 | WNC | PIFA | IPEX | TX 1: 1.32 TX 2: 1.50 | TX 1: 81.EJT15.GVM TX 2: 81.EJT15.GVN |
| 06 | Foxconn | PIFA | IPEX | TX 1: 1.47 TX 2: 1.38 | WDAN-T1WM |
| 07 | Hitachi | PIFA | IPEX | Main: 2.19 Aux.: -0.33 | HBV07 |
| 08 | Hitachi | PIFA | IPEX | Main: 2.91 Aux.: 2.82 | HBV051 |
| 09 | Hitachi | PIFA | IPEX | TX 1: 0.27 TX 2: 0.02 | HBV052 |
| 10 | Hitachi | PIFA | IPEX | TX 1: 1.30 TX 2: 2.42 | HBV061 |
| 11 | Hitachi | PIFA | IPEX | TX 1: -1.04 TX 2: -1.19 | HBV062 |
| 12 | Hitachi | PIFA | IPEX | TX 1: -1.74 TX 2: 1.16 | HFT65 |
| 13 | Hitachi | PIFA | IPEX | TX 1: 0.87 TX 2: 1.94 | HCT01 |
| 14 | Hitachi | PIFA | IPEX | TX 1: 0.58 TX 2: 1.12 | HFT40 |
| 15 | Hitachi | PIFA | IPEX | TX 1: -1.65 TX 2: -0.92 | HFT60 |
| 16 | FOXCONN | PIFA | IPEX | TX 1: -0.43 TX 2: -0.7 | WDAN-TQ |
| 17 | WNC | PIFA | IPEX | TX 1: 0.54 TX 2: 0.58 | TX 1: 25.90AAP.011 TX 2: 25.90AAO.011 |

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| 18 | WNC | PIFA | IPEX | Main: 0.42 Aux.: 0.79 MIMO: 0.14 | 81.EJZ |
| 19 | WNC | PIFA | IPEX | Main: 0.96 Aux.: -0.08 | 81.EJT |
| 20 | ETHERTRONICS | PIFA | IPEX | TX 1: 0.12 TX 2: -3.87 | TX 1: 5002011-1 TX 2: 5002012-1 |
| 21 | ETHERTRONICS | PIFA | IPEX | TX 1: 0.76 TX 2: 0.59 | TX 1: 5002015-1 TX 2: 5002016-1 |
| 22 | ETHERTRONICS | PIFA | IPEX | TX 1: -1.76 TX 2: -2.61 | TX 1: 5010011-1 TX 2: 5010012-1 |
| 23 | ETHERTRONICS | PIFA | IPEX | TX 1: -0.84 TX 2: -2.07 | TX 1: 5010015-1 TX 2: 50100161 |
| 24 | ACON | PIFA | IPEX | TX 1: 0.00 TX 2: 1.89 | AMP6P |
| 25 | WNC | PIFA | IPEX | Main: -1.08 Aux.: -0.62 | 81.EJZ15.G52 |
| 26 | WNC | PIFA | IPEX | Main: -0.58 Aux.: -1.26 | 81.EJT15.GJC |
| 27 | WNC | PIFA | IPEX | Main: 0.52 Aux.: 0.77 | 81.EJT15.GGW |
| 28 | WNC | PIFA | IPEX | Main: -0.78 Aux.: -2.14 | 81.EJZ15.G53 |
| 29 | QUANTA | PIFA | IPEX | TX 1: -0.7 TX 2: -1.9 | TX 1: AN-070-G(R) TX 2: AN-070-G(L) |
| 30 | QUANTA | PIFA | IPEX | TX 1: -0.3 TX 2: -1.9 | TX 1: AN-070-G(R) TX 2: AN-070-G(L) |
| 31 | QUANTA | PIFA | IPEX | TX 1: -0.4 TX 2: -0.3 | TX 1: AN-120-F(R) TX 2: AN-120-F(L) |
| 32 | QUANTA | PIFA | IPEX | TX 1: -1.8 TX 2: -4.4 | TX 1: AN-120-F(R) TX 2: AN-120-F(L) |
| 33 | JEM | PIFA | IPEX | Main: 1.27 Aux.: -1.27 | Main: IA-100193 Aux.: IA-100194 |
| 34 | Tyco (20-D1130002D) | PIFA | IPEX | TX1: -0.10 TX2: -0.92 TX 3: 0.56 | TBN008 |
| 35 | Smart Approach | PIFA | IPEX | TX 1: 1.51 TX 2: 1.56 | 03-FR021-026 |

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| 36 | Hitachi Cable | PIFA | IPEX | TX 1: -0.42 TX 2: 0.59 TX 3: 1.24 | HBV17 |
| 37 | Hitachi | PIFA | IPEX | TX 1: 2.97 TX 2: 0.90 | HFT60 |
| 38 | WNC | PIFA | IPEX | TX 1: 0.30 TX 2: 0.94 | TX 1: 25.90AAN.011 TX 2: 25.90AAM.011 |
| 39 | Smart Approach | PIFA | IPEX | TX 1: 1.66 TX 2: 1.83 | 03-FR021-020 |
| 40 | WHAYU | PIFA | IPEX | Main: -2.12 Aux.: -2.49 | MSA-00005A |
| 41 | Toshiba | PIFA | IPEX | -0.80 | HFS23 |
| 42 | Toshiba | PIFA | IPEX | 0.64 | HFS40 |
| 43 | TYCO (20238740-1) | PIFA | IPEX | TX 1: 0.47 TX 2: 0.06 TX 3: 1.65 | TBN008 |
| 44 | TYCO (2023750-1) | PIFA | IPEX | TX 1: 0.47 TX 2: 0.06 | TBN008 |
| 45 | TYCO (2023772-1) | PIFA | IPEX | TX 1: -2.60 TX 2: -0.26 TX 3: -0.91 | TBN008 |
| 46 | TYCO | PIFA | IPEX | TX 1: 1.98 TX 2: 1.97 TX 3: -0.88 | TBN007 |
| 47 | TYCO | PIFA | IPEX | TX 1: 0.22 TX 2: 0.33 TX 3: 2.20 | TBN009 |
| 48 | TYCO | PIFA | IPEX | TX 1: 1.68 TX 2: 1.45 TX 3: 0.29 | TBN010 |
| 49 | Smart Approach | PIFA | IPEX | TX 1: 2.37 TX 2: 1.59 | 03-FR021-016 |
| 50 | Foxconn | PIFA | IPEX | TX 1: 2.58 TX 2: 1.39 | TX 1: WDAN-T1AM1001-DH TX 2: WDAN-T1AM1002-DH |
| 51 | WNC | PIFA | IPEX | Main: -2.76 Aux.: -3.64 | WNC005 |

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| 52 | TYCO (20238740-1) | PIFA | IPEX | TX 1: 0.47 TX 2: 0.06 TX 3: 1.65 | TBN008 |
| 53 | Toshiba | PIFA | IPEX | TX 1: 0.28 TX 2: -0.83 | TBN004 |
| 54 | WNC | PIFA | IPEX | Main: -1.10 Aux.: 1.76 | WNC001 |
| 55 | WNC | PIFA | IPEX | Main: 1.18 Aux. 1.75 | WNC002 |
| 56 | Tyco | PIFA | IPEX | Main: -1.11 Aux.: -1.11 MIMO: -0.95 | TBN003 |
| 57 | WNC | PIFA | IPEX | Main: 2.40 Aux.: 1.50 | WNC004 |
| 58 | WNC | PIFA | IPEX | Main: 1.19 Aux.: 0.28 | WNC001 |
| 59 | WNC | PIFA | IPEX | Main: 0.52 Aux.: 1.07 | WNC003 |
| 60 | Quanta | PIFA | IPEX | TX 1: 1.0 TX 2: 0.2 | 3ASP8AATP20 |
| 61 | Quanta | PIFA | IPEX | TX 1: -0.5 TX 2: -1.9 | AS-070-F |
| 62 | Tyco | PIFA | IPEX | Main: 3.45 Aux: 2.41 MIMO: 1.04 | TBN001 |
| 63 | Well Green | PIFA | IPEX | TX 1: 1.79 TX 2: 0.66 | TX 1: SK81WMPB01+A TX 2: SK81WMPB02+A |
| 64 | Tyco | PIFA | IPEX | -1.11 | TBN005 & TBN006 |
| 65 | Well Green | PIFA | IPEX | TX 1: -1.07 TX 2: -0.64 | SKW31WMPB01+A |
| 66 | FVC | PIFA | IPEX | WiMAX-1: 1.58 WiMAX2: 1.75 | K05007012102 |
| 67 | FVC | PIFA | IPEX | WiMAX-1: 2.7 WiMAX-2: 2.19 | K05007013402 |
| 68 | Well Green | PIFA | IPEX | TX 1: -1.84 TX 2: -2.93 | TX 1: SKM11WMPB03+A TX 2: SKM11WMPB02+D |

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| 69 | FVC | PIFA | IPEX | WiMAX-1: 1.84 WiMAX-2:1.8 | N01001218001 |
| 70 | Well Green | PIFA | IPEX | TX 1: -1.63 TX 2: -0.99 | SKW24WMPB01 |
| 71 | FVC | PIFA | IPEX | TX 1: 2.05 TX 2: 1.88 TX 3: 3.04 | TX 1: N01001199001 TX 2: N01001199001 TX 3: N01001182002 |
| 72 | FVC | PIFA | IPEX | TX1: 3.11 TX2: 0.55 | TX1: N01001193001 TX2: N01001193001 |
| 73 | WNC | PIFA | IPEX | TX1: -0.61 TX2: 1.91 | TX1: 25.90AAL.001 TX2: 25.90AAK.001 |
| 74 | TE Connectivity | PIFA | IPEX | TX1: 1.29 TX2: 0.04 | TX1: 25.90AAL.011 TX2: 25.90AAK.011 |
| 75 | TE Connectivity | PIFA | IPEX | TX1: -0.01 TX2: 0.39 | TX1: 25.90AAN.001 TX2: 25.90AAM.001 |
| 76 | TE Connectivity | PIFA | IPEX | TX1: 1.20 TX2: 0.65 | TX1: 25.90AAP.001 TX2: 25.90AAO.001 |
| 77 | Quanta | PIFA | IPEX | TX1: 0.70 TX2: -1.40 | 35AX6AATP10 |
| 78 | Quanta | PIFA | IPEX | TX1: 1.80 TX2: -0.30 | 37LX6AATP00 |
| 79 | Quanta | PIFA | IPEX | TX1: 0.30 TX2: 1.70 | 37LX7AATP00 |
| 80 | WNC | PIFA | IPEX | TX1: -0.10 TX2: 2.30 | WNC003 |
| 81 | WNC | PIFA | IPEX | TX1: 2.72 TX2: 2.66 | TX1: 81.EJZ15.G94 TX2: 81.EJZ15.G95 |
| 82 | WNC | PIFA | IPEX | TX1: 1.33 TX2: 1.95 | TX1: 81.EJZ15.G98 TX2: 81.EJZ15.G99 |
| 83 | WNC | PIFA | IPEX | TX1: 1.84 TX2: 1.64 | 81.EJZ15.GTP |
| 84 | WNC | PIFA | IPEX | TX1: 2.36 TX2: 1.13 | TX1: 81.EK515.G15 TX2: 81.EK515.G16 |
| 85 | WNC | PIFA | IPEX | TX1: 1.15 TX2: 0.59 | TX1: DC33000YV20 TX2: DC33000YV30 |
| 86 | WNC | PIFA | IPEX | TX1: 0.79 TX2: -0.32 | TX1: DC33000YV60 TX2: DC33000YV70 |

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| 87 | HONGLIN | PIFA | IPEX | TX1: 1.85 TX2: 1.77 | 260-23249 |
| 88 | Yageo | PIFA | IPEX | TX1: -2.69 TX2: -1.09 | TX1: 6036B0086801 TX2: 6036B0087101 |
| 89 | WNC | PIFA | IPEX | TX1: -1.30 TX2: -0.49 | TX1: 6036B0086802 (81.EHC15.G63) TX2: 6036B0087102 (81.EHC15.G64) |
| 90 | WNC | PIFA | IPEX | TX1: 1.21 TX2: -0.07 | TX1: 6036B0088203 TX2: 6036B0088303 |
| 91 | WNC | PIFA | IPEX | TX1: 2.34 TX2: 1.28 | TX1: 6036B0087303 TX2: 6036B0087203 |
| 92 | WNC | PIFA | IPEX | TX1: 0.50 TX2: 0.12 | TX1: 6036B0088203 TX2: 6036B0088303 |
| 93 | Yageo | PIFA | IPEX | TX1: 0.61 TX2: 0.71 | TX1: 6036B0088401 TX2: 6036B0088501 |
| 94 | Yageo | PIFA | IPEX | TX1: 1.46 TX2: 0.95 | TX1: 6036B0088901 TX2: 6036B0089001 |
| 95 | WNC | PIFA | IPEX | TX1: -1.11 TX2: -0.95 | TX1: 6036B0091201 TX2: 6036B0091401 |
| 96 | Yageo | PIFA | IPEX | TX1: 0.80 TX2: 0.25 | TX1: 6036B0091202 TX2: 6036B0091402 |
| 97 | TE Connectivity | PIFA | IPEX | TX1: -0.23 TX2: -0.49 | TX1: 1556465-1 TX2: 1556466-1 |
| 98 | TE Connectivity | PIFA | IPEX | TX1: 1.29 TX2: 0.04 | TX1: 1556495-1 TX2: 1556496-1 |
| 99 | TE Connectivity | PIFA | IPEX | TX1: -0.87 TX2: -1.24 | TX1: 1556505-1 TX2: 1556506-1 |
| 100 | ACON | PIFA | IPEX | TX1: 1.96 TX2: 1.91 | TX1: AMP8P-700186 TX2: AMP8P-700187 |
| 101 | ACON | PIFA | IPEX | TX1: 2.79 TX2: 0.74 | TX1: APM8P-700016 TX2: APM8P-700017 |
| 102 | ACON | PIFA | IPEX | TX1: 2.66 TX2: 2.27 | TX1: APM8P-700018 TX2: APM8P-700019 |
| 103 | ACON | PIFA | IPEX | TX1: 1.10 TX2: 1.99 | TX1: APP8P-700341 TX2: APP8P-700342 |
| 104 | Wha Yu | PIFA | IPEX | TX1: -0.18 TX2: 2.58 | TX1: C107-520757-A TX2: C107-520756-A |

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| 105 | Wellshine | PIFA | IPEX | TX1: 1.17 TX2: -0.06 | DQ67KJQUT33 |
| 106 | Wha Yu | PIFA | IPEX | TX1: 1.74 TX2: 1.41 | TX1: C435-520023-A TX2: C435-520024-A |
| 107 | Wha Yu | PIFA | IPEX | TX1: 1.92 TX2: -1.03 | TX1: C680-520278-A TX2: C680-520277-A |
| 108 | Wha Yu | PIFA | IPEX | TX1: 1.09 TX2: -0.55 | C680-520279-A |
| 109 | Yageo | PIFA | IPEX | TX1: 0.59 TX2: 0.90 | TX1: CAN4313LC0613WLA3 TX2: CAN4313LC0613WLA4 |
| 110 | Yageo | PIFA | IPEX | TX1: 0.97 TX2: 0.59 | TX1: CAN4313LC0630WLA3 TX2: CAN4313LC0630WLA4 |
| 111 | Yageo | PIFA | IPEX | TX1: 2.32 TX2: 1.85 | TX1: CAN4313WICO03241 TX2: CAN4313WICO03242 |
| 112 | Yageo | PIFA | IPEX | TX1: 0.23 TX2: 1.53 | TX1: CAN43130WIFO04921 TX2: CAN43130WIFO04922 |
| 113 | WNC | PIFA | IPEX | TX1: 0.18 TX2: 0.60 | TX1: 81.EKG15.G38 TX2: 81.EKG15.G37 |
| 114 | WNC | PIFA | IPEX | TX1: 0.54 TX2: -0.03 | TX1: 81.EKG15.G41 TX2: 81.EKY15.G42 |
| 115 | Jess-Link | PIFA | IPEX | TX1: 1.89 TX2: 1.56 | TX1: PANT11A00008-1 TX2: PANT11A00009-1 |
| 116 | Jess-Link | PIFA | IPEX | TX1: 1.84 TX2: 1.98 | TX1: PANT11A00026-1 TX2: PANT11A00027-1 |
| 117 | ACON | PIFA | IPEX | TX1: -0.70 TX2: -0.29 | DQ60APM6P02 |
| 118 | ACON | PIFA | IPEX | TX1: -0.60 TX2: -1.02 | DQ60APM6P03 |
| 119 | Well Shine (QUA) | PIFA | IPEX | TX1: 1.66 TX2: 0.05 | TX1: DQ67KJQUT35 TX2: DQ67KJQUT36 |
| 120 | Amphenol | PIFA | IPEX | TX1: -1.41 TX2: -0.77 | FL5202-11-001-C |
| 121 | MAG. LAYERS | PIFA | IPEX | 1.77 | FPA-2423-25GC1-A1 |
| 122 | Amphenol | PIFA | IPEX | TX1: 0.76 TX2: -2.11 | TX1: FX5170-15-004-C TX2: FX5170-15-001-C |
| 123 | Amphenol | PIFA | IPEX | TX1: 0.55 TX2: 0.31 | TX1: IV5218-11-002-C TX2: IV5218-11-001-C |

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| 124 | Amphenol | PIFA | IPEX | TX1: 0.54 TX2: -0.53 | TX1: IV5233-15-003-C TX2: IV5233-15-002-C |
| 125 | FVC | PIFA | IPEX | TX1: 2.85 TX2: 1.29 | K05007014701 |
| 126 | FAVORTRON | PIFA | IPEX | TX1: 2.81 TX2: 1.97 | TX1: N01001205001 TX2: N01001206001 |
| 127 | MAG. LAYERS | PIFA | IPEX | 2.17 | PCA-2111-25GC1-A1 |
| 128 | Wha Yu | PIFA | IPEX | TX1: 2.43 TX2: -0.41 | PSAM-002 |
| 129 | Quanta | PIFA | IPEX | TX1: 1.6 TX2: 0.3 | R12_AN-090-A/B |
| 130 | Quanta | PIFA | IPEX | TX1: 0.8 TX2: 0.4 | R15_AN-090-A/B |
| 131 | Quanta | PIFA | IPEX | TX1: 1.5 TX2: 0.5 | R18_AN-090-A/B |
| 132 | Smart Approach | PIFA | IPEX | TX1: 1.70 TX2: 1.53 | SE-ECFKA-001 |
| 133 | Smart Approach | PIFA | IPEX | TX1: 2.53 TX2: 2.92 | TX1: SE-ECLA1-001 TX2: SE-ECLA1-002 |
| 134 | Tyco (2023770-1) | PIFA | IPEX | TX1: -2.60 TX2: -0.26 | TBN008 |
| 135 | Tyco (2023772-1) | PIFA | IPEX | TX1: -2.60 TX2: -0.26 | TBN008 |
| 136 | Foxconn | PIFA | IPEX | TX1: -0.99 TX2: -0.09 | TX1: WDAN-HMCH1401-DH TX2: WDAN-HMCH1402-DH |
| 137 | Foxconn | PIFA | IPEX | TX1: -0.35 TX2: 0.38 | TX1: WDAN-HMCH1501-DH TX2: WDAN-HMCH1502-DH |
| 138 | Foxconn | PIFA | IPEX | TX1: -1.85 TX2: 1.33 | WDAN-HMEDW005-DH |
| 139 | Tyco | PIFA | IPEX | TX1: -0.38 TX2: 1.04 | TX1: 25.90A2G.021 TX2: 25.90A2H.021 |
| 140 | WNC | PIFA | IPEX | TX1: 1.23 TX2: 0.29 | TX1: 25.90A2G.001 TX2: 25.90A2H.001 |
| 141 | Yageo | PIFA | IPEX | TX1: 0.48 TX2: -1.37 | TX1: 25.90A2G.011 TX2: 25.90A2H.011 |
| 142 | Quanta | PIFA | IPEX | TX1: 0.40 TX2: -1.00 | TX1: QADCGC5_WL_M TX2: QADCGC5_WL_A |

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| 143 | Quanta | PIFA | IPEX | TX1: 0.10 TX2: -0.40 | TX1: DQ6GC200100 TX2: DQ6GC200200 |
| 144 | Quanta | PIFA | IPEX | TX1: -1.30 TX2: 0.70 | TX1: DQ6GC300100 TX2: DQ6GC300200 |
| 145 | Quanta | PIFA | IPEX | TX1: 0.7 TX2: 1.2 | TX1: QADCGC6_WL_M TX2: QADCGC6_WL_A |
| 146 | ACON | PIFA | IPEX | TX1: 1.84 TX2: 0.07 | TX1: APP8P-700188 TX2: APP8P-700187 |
| 147 | ACON | PIFA | IPEX | TX1: 1.84 TX2: 0.07 | TX1: APP8P-700186 TX2: APP8P-700185 |
| 148 | Wha Yu | PIFA | IPEX | TX1: 1.96 TX2: 1.97 | TX1: C435-520044-A TX2: C435-520043-A |
| 149 | Wha Yu | PIFA | IPEX | TX1: 1.91 TX2: 1.88 | TX1: C435-520042-A TX2: C435-520045-A |
| 150 | ACON | PIFA | IPEX | TX1: -0.96 TX2: -0.86 | TX1: APM6P-700033 TX2: APM6P-700034 |
| 151 | Amphenol | PIFA | IPEX | TX1: -1.85 TX2: -1.60 | TX1: 14G152168231LV TX2: 14G152168131LV |
| 152 | ACON | PIFA | IPEX | TX1: -1.32 TX2: -0.23 | TX1: APM6P-700027 TX2: APM6P-700029 |
| 153 | Tyco | PIFA | IPEX | TX1: -2.39 TX2: 1.52 | TX1: 2023940-1 TX2: 2023944-1 |
| 154 | ACON | PIFA | IPEX | TX1: -1.16 TX2: -0.74 | TX1: APM6P-700028 TX2: APM6P-700030 |
| 155 | Tyco | PIFA | IPEX | TX1: -0.58 TX2: -0.11 | TX1: 2023946-1 TX2: 2023950-1 |
| 156 | Amphenol | PIFA | IPEX | TX1: 1.61 TX2: 1.57 | TX1: LX-0980-11-000-R TX2: LX-0983-11-000-R |
| 157 | NISSEI | PIFA | IPEX | TX1: 1.35 TX2: 1.99 | TX1: 3172525 TX2: 3172566 |
| 158 | ACON | PIFA | IPEX | TX1: -0.39 TX2: 0.64 | TX1: 25.90675.001 TX2: 25.90676.001 |
| 159 | WNC | PIFA | IPEX | TX1: -1.53 TX2: 1.32 | TX1: 25.90669.001 TX2: 25.90670.001 |
| 160 | WNC | PIFA | IPEX | TX1: 1.94 TX2: -0.85 | TX1: 25.90A1E.001 TX2: 25.90A1F.001 |

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| 161 | WNC | PIFA | IPEX | TX1: 1.89 TX2: -0.90 | TX1: 25.90A1E.001 TX2: 25.90A1F.001 |
| 162 | Yageo | PIFA | IPEX | TX1: 1.94 TX2: 1.78 | TX1: 25.90A1E.011 TX2: 25.90A1F.011 |
| 163 | WNC | PIFA | IPEX | TX1: 0.51 TX2: 1.73 | TX1: 25.91370.021 TX2: 25.91371.021 |
| 164 | Yageo | PIFA | IPEX | TX1: 1.06 TX2: 0.16 | TX1: 25.91370.011 TX2: 25.91371.011 |
| 165 | Tyco | PIFA | IPEX | TX1: 0.06 TX2: 0.18 | TX1: 25.90A4C.021 TX2: 25.90A4D.021 |
| 166 | WNC | PIFA | IPEX | TX1: 1.52 TX2: -0.60 | TX1: 25.90A4C.001 TX2: 25.90A4D.001 |
| 167 | Yageo | PIFA | IPEX | TX1: 0.93 TX2: -0.17 | TX1: 25.90A4C.011 TX2: 25.90A4D.011 |
| 168 | NISSEI | PIFA | IPEX | TX1: 1.88 TX2: 1.26 | TX1: 3209970 TX2: 3210002 |
| 169 | ACON | PIFA | IPEX | TX1: -0.04 TX2: 1.16 | TX1: 25.90929.001 TX2: 25.90930.001 |
| 170 | Ethertronics | PIFA | IPEX | TX1: 0.60 TX2: -0.59 | TX1: 25.90934.001 TX2: 25.90935.001 |
| 171 | WNC | PIFA | IPEX | TX1: 0.87 TX2: -0.93 | TX1: 25.90919.001 TX2: 25.90920.001 |
| 172 | WNC | PIFA | IPEX | TX1: 0.60 TX2: -0.59 | TX1: 25.90934.001 TX2: 25.90935.001 |
| 173 | Quanta | PIFA | IPEX | TX1: 0.10 TX2: -0.30 | TX1: QADC FL8_WL_M TX2: QADC FL8_WL_A |
| 174 | Quanta | PIFA | IPEX | TX1: -0.1 TX2: -0.1 | TX1: QADCFL3_WL_M TX2: QADCFL3_WL_A |
| 175 | Amphenol | PIFA | IPEX | TX1: 1.47 TX2: 1.68 | TX1: LX0970-11-000-R TX2: LX0968-11-000-R |
| 176 | FOXCONN | PIFA | IPEX | TX1: -0.40 TX2: 1.10 | TX1: WDAN-L1ML3001-DF TX2: WDAN-L1ML3002-DF |
| 177 | NISSEI | PIFA | IPEX | TX1: 0.54 TX2: 1.80 | TX1: 3172467 TX2: 3172509 |
| 178 | ACON | PIFA | IPEX | TX1: 1.17 TX2: 1.04 | TX1: 25.90598.001 TX2: 25.90597.001 |

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| 179 | WNC | PIFA | IPEX | TX1: 1.94 TX2: 0.59 | TX1: 25.90587.001 TX2: 25.90586.001 |
| 180 | WNC | PIFA | IPEX | TX1: -1.21 TX2: 1.27 | TX1: 25.90700.001 TX2: 25.90702.001 |
| 181 | ACON | PIFA | IPEX | TX1: 1.37 TX2: 1.21 | TX1: 25.90800.001 TX2: 25.90802.001 |
| 182 | Yageo | PIFA | IPEX | TX1: 0.07 TX2: -0.06 | TX1: 25.90A4W.001 TX2: 25.90A4V.001 |
| 183 | FOXLINK | PIFA | IPEX | TX1: 1.98 TX2: 1.97 | TX1: 25.90A4W.011 TX2: 25.90A4V.011 |
| 184 | Amphenol | PIFA | IPEX | TX1: -0.37 TX2: -2.64 | TX1: C-1334-11-000-26 TX2: C-1335-11-000-26 |
| 185 | WNC | PIFA | IPEX | TX1: 0.77 TX2: 0.74 | TX1: 25.90979.001 TX2: 25.90980.001 |
| 186 | Amphenol | PIFA | IPEX | TX1: 0.35 TX2: -1.20 | TX1: C-1952-11-000-26 TX2: C-1953-11-000-26 |
| 187 | Amphenol | PIFA | IPEX | TX1: -1.31 TX2: -3.09 | TX1: C-2238-11-000-26 TX2: C-2239-11-000-26 |
| 188 | Foxconn | PIFA | IPEX | TX1: 1.14 TX2: 0.61 | TX1: WDAN-LFNZ3001-DH TX2: WDAN-LFNZ3002-DH |
| 189 | Amphenol | PIFA | IPEX | TX1: 0.35 TX2: -1.20 | TX1: C-3033-11-000-26 TX2: C-3034-11-000-26 |
| 190 | Amphenol | PIFA | IPEX | TX1: -1.31 TX2: -3.09 | TX1: C-3068-11-000-26 TX2: C-3069-11-000-26 |
| 191 | Foxconn | PIFA | IPEX | TX1: -0.11 TX2: 0.35 | TX1: WDAN-L1NZ4003-DH TX2: WDAN-L1NZ4004-DH |
| 192 | Foxconn | PIFA | IPEX | TX1: -0.11 TX2: 0.35 | TX1: WDAN-L1NZ4001-DH TX2: WDAN-L1NZ4002-DH |
| 193 | Tyco | PIFA | IPEX | TX1: 0.64 TX2: -0.92 | TX1: 1556219-1 TX2: 1556220-1 |
| 194 | ACON | PIFA | IPEX | TX1: 2.00 TX2: 0.13 | TX1: APP8P-700191 TX2: APP8P-700192 |
| 195 | ACON | PIFA | IPEX | TX1: 2.00 TX2: 0.13 | TX1: APP8P-700189 TX2: APP8P-700190 |
| 196 | Tyco | PIFA | IPEX | TX1: 0.64 TX2: -0.92 | TX1: 1556216-1 TX2: 1556215-1 |

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| 197 | ACON | PIFA | IPEX | TX1: -0.42 TX2: -0.13 | TX1: 25.90653.001 TX2: 25.90654.001 |
| 198 | WNC | PIFA | IPEX | TX1: -0.52 TX2: 0.31 | TX1: 25.90649.001 TX2: 25.90650.001 |
| 199 | Quanta | PIFA | IPEX | TX1: -0.10 TX2: 0.00 | TX1: QADC PS3_WL_M TX2: QADC PS3_WL_A |
| 200 | Foxconn | PIFA | IPEX | TX1: 1.16 TX2: -0.88 | TX1: 024-01F0-2242 TX2: 024-01F0-2243 |
| 201 | NISSEI | PIFA | IPEX | TX1: -0.83 TX2: -0.61 | TX1: 3176658 TX2: 3176674 |
| 202 | Amphenol | PIFA | IPEX | TX1: -1.54 TX2: -2.93 | TX1: C-2381-11-000-26 TX2: C-2382-11-000-26 |
| 203 | Foxconn | PIFA | IPEX | TX1: 0.87 TX2: 0.49 | TX1: WDAN-LWSN3001-DH TX2: WDAN-LWSN3002-DH |
| 204 | Foxconn | PIFA | IPEX | TX1: 1.71 TX2: 1.43 | TX1: WDAN-L1WK1001-DF TX2: WDAN-L1WK1002-DF |
| 205 | Hitachi | PIFA | IPEX | TX1: 1.82 TX2: 1.54 | TX1: HMT14-MAIN TX2: HMT14-AUX |
| 206 | ACON | PIFA | IPEX | TX1: -1.21 TX2: 1.27 | TX1: 25.90700.001 TX2: 25.90702.001 |
| 207 | ACON | PIFA | IPEX | TX1: 1.37 TX2: 1.21 | TX1: 25.90800.001 TX2: 25.90802.001 |
| 208 | Quanta | PIFA | IPEX | TX1: -0.5 TX2: -1.4 | TX1: QADCPS1_WL_M TX2: QADCPS1_WL_A |
| 209 | WNC | PIFA | IPEX | TX1: 0.30 TX2: 0.39 | TX1: 81.EK515.G13 TX2: 81.EK515.G14 |
| 210 | ZTX | PIFA | IPEX | TX1: 2.01 TX2: 1.69 | ZTX-A162-Q18000-00 |
| 211 | Well Green | PIFA | IPEX | TX1: 0.55 TX2: 1.36 | SKAEUWMPB01+B |
| 212 | JEM | PIFA | IPEX | TX1: 3.23 TX2: 2.31 | 1510-0122-0027 |
| 213 | JEM | PIFA | IPEX | TX1: 3.12 TX2: 1.01 | 1510-0122-0016 (IA-120080) 1510-0122-0017 (IA-120081) |
| 214 | Well Green | PIFA | IPEX | TX1: 0.21 TX2: -0.75 | TX1: SKX71WMPB01+B TX2: SK370WMPB01+B |

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| 215 | FAVORTRON | PIFA | IPEX | TX1: 1.37 TX2: 1.18 | TX1: N01001223001 TX2: N01001223001 |
| 216 | Wgt | PIFA | IPEX | TX1: 0.86 TX2: 2.51 | TX1: SK345WMPB01+A TX2: SK345WMPB02+A |
| 217 | Wgt | PIFA | IPEX | TX1: 1.7 TX2: 2.53 | SK350WMPB01+C |
| 218 | Well Green | PIFA | IPEX | TX1: -1.93 TX2: -1.28 | TX1: SKW54WMPB01+C TX2: SKW34WMPB02+A |
| 219 | Wgt | PIFA | IPEX | TX1: 2.14 TX2: 1.92 | SKW55WMPB01+A |
| 220 | INPAQ | PIFA | IPEX | TX1: 0.03 TX2: -2.2 | TX1: WA-P-LB-02-040 TX2: WA-P-LB-01-014 |
| 221 | INPAQ | PIFA | IPEX | TX1: 2.10 TX2: -0.22 | TX1: WA-P-LB-02-077 TX2: WA-P-LB-01-038 |
| 222 | Smart Approach | PIFA | IPEX | TX1: 1.76 TX2: 1.66 | TX1: SE-ECBA0-001 TX2: SE-ECBA0-002 |
| 223 | Smart Approach | PIFA | IPEX | TX1: 1.35 TX2: 1.95 | TX1: SE-ECBA1-001 TX2: SE-ECBA1-002 |
| 224 | ZTX | PIFA | IPEX | TX1: 1.54 TX2: 1.92 | A162-Q19000-00 |
| 225 | Well Green | PIFA | IPEX | TX1: 0.82 TX2: -2.23 | TX1: SKA91WMPB02+A TX2: SKA91WMPB01+A |
| 226 | ACON | PIFA | IPEX | TX1: -0.13 TX2: -0.23 | TX1: ATM6P-70100 TX2: ATM6P-70200 |
| 227 | Luxshare | PIFA | IPEX | TX1: 2.13 TX2: 1.25 | TX1: L01RF020-DT-R TX2: L01RF019-DT-R |
| 228 | Well Green | PIFA | IPEX | TX1: 0.72 TX2: 0.49 | TX1: SKW25WMPB01+A TX2: SKW25WMPB01+A |
| 229 | Foxconn | PIFA | IPEX | TX1: 0.21 TX2: 0.60 | TX1: WDAN-T1RH1 TX2: WDAN-T1RH2 |
| 230 | Auden | PIFA | IPEX | TX1: 1.37 TX2: 1.97 | TX1: 220474-09 TX2: 220475-09 |
| 231 | Luxshare | PIFA | IPEX | TX1: -0.28 TX2: 0.59 | TX1: L01RF023-YT-R TX2: L01RF029-YT-R |
| 232 | ACON | PIFA | IPEX | TX1: -0.63 TX2: -3.39 | TX1: APP6P-700781 TX2: APP6P-700782 |

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| 233 | Luxshare | PIFA | IPEX | TX1: 2.08 TX2: 1.64 | TX1: L01RF019-DT-R (31-502717) TX2: L01RF021-DT-R (31-502716) |
| 234 | JEM | PIFA | IPEX | TX1: 2.60 TX2: 0.53 | TX1: IA-120266 TX2: IA-120267 |
| 235 | Smart Approach | PIFA | IPEX | TX 1: 2.89 TX 2: 1.72 | TX1: SE-ECC61-001 TX2: SE-ECC61-002 |
| 236 | ACON | PIFA | IPEX | TX 1: 0.90 TX 2: 0.86 | TX1: APP8P-700271 TX2: APP8P-700272 |
| 237 | Smart Approach | PIFA | IPEX | TX 1: -0.09 TX 2: -2.15 | TX1: SE-ECKTA-003 TX2: SE-ECKTA-003 |
| 238 | ACON | PIFA | IPEX | TX 1: 0.34 TX 2: -0.49 | TX1: APP6P-700738 TX2: APP6P-700738 |
| 239 | HONGLIN | PIFA | IPEX | TX1: -0.93 TX2: -2.46 | 260-23462 |
| 240 | Smart Approach | PIFA | IPEX | TX 1: -2.51 TX 2: -3.08 | TX1: SE-ECKTA-001 TX2: SE-ECKTA-001 |
| 241 | WNC | PIFA | IPEX | TX1: -0.59 TX2: -2.51 | 81.EJZ15.GAQ |
| 242 | ACON | PIFA | IPEX | TX 1: -1.58 TX 2: -1.12 | TX1: APP6P-700798 TX2: APP6P-700798 |
| 243 | HONGLIN | PIFA | IPEX | TX1: -0.53 TX2: -1.43 | 260-24027 |
| 244 | WNC | PIFA | IPEX | TX1: -0.76 TX2: -1.88 | 81.EJT15.GXF |
| 245 | WNC | PIFA | IPEX | TX1: -0.58 TX2: -1.48 | TX1: DQ6G15G5800 TX2: DG6G15G5700 |
| 246 | ZYE | PIFA | IPEX | TX1: -0.70 TX2: -1.20 | TX1: DQ60QTLI200 TX2: DQ60QTLI201 |
| 247 | WNC | PIFA | IPEX | TX1: 0.18 TX2: 0.60 | TX1: 81.EKG15.G38 TX2: 81.EKG15.G37 |
| 248 | Jess-Link | PIFA | IPEX | TX1: 1.89 TX2: 1.56 | TX1: PANT11A00008-1 TX2: PANT11A00009-1 |
| 249 | WNC | PIFA | IPEX | TX1: 1.15 TX2: 0.59 | TX1: 81.EKG15.G30 TX2: 81.EKG15.G29 |
| 250 | YAGEO | PIFA | IPEX | TX1: 0.59 TX2: 0.90 | TX1: CAN4313LC0613WLA3 TX2: CAN4313LC0613WLA4 |

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| 251 | ACON | PIFA | IPEX | TX 1: 1.92 TX 2: 1.84 | TX1: APP6P-700832 TX2: APP6P-700833 |
| 252 | WHAYU | PIFA | IPEX | TX 1: 1.68 TX 2: 1.54 | TX1: C1335-520258-A TX2: C1335-520259-A |
| 253 | WNC | PIFA | IPEX | TX1: -0.34 TX2: 1.61 | TX1: 81.EJT15.G1T TX2: 81.EJT15.G1T |
| 254 | HONGLIN | PIFA | IPEX | TX1: 0.09 TX2: -0.26 | TX1: DQ602347200 TX2: DQ602347200 |
| 255 | ICT-LANTO | PIFA | IPEX | TX1: 0.40 TX2: 0.00 | TX1: DQ61RF13200 / LA81RF132-1H TX2: DQ61RF13200 / LA81RF132-1H |
| 256 | Jess-Link | PIFA | IPEX | TX1: 0.37 TX2: 0.12 | TX1: DQ612A00008 TX2: DQ612A00008 |
| 257 | WNC | PIFA | IPEX | TX1: -0.21 TX2: -0.61 | TX1: DQ6K15G0900 (81EAAK15.G09) TX2: DQ6K15G0900 (81EAAK15.G09) |
| 258 | YAGEO | PIFA | IPEX | TX1: -0.47 TX2: -0.89 | TX1: CAN4313HQ0728LLB1 TX2: CAN4313HQ0728LLB1 |
| 259 | ACON | PIFA | IPEX | TX 1: -0.43 TX 2: -1.03 | TX1: 6036B0109802 (APP8P-700459) TX2: 6036B0109702 (APP8P-700460) |
| 260 | WNC | PIFA | IPEX | TX1: 1.75 TX2: 1.42 | TX1: 6036B0109801 (81EAAK15.G17) TX2: 6036B0109701 (81EAAK15.G18) |
| 261 | ACON | PIFA | IPEX | TX 1: -1.36 TX 2: -1.53 | TX1: 6036B0110902 (APP8P-700479) TX2: 6036B0111002 (APP8P-700480) |
| 262 | WNC | PIFA | IPEX | TX1: -0.75 TX2: 1.05 | TX1: 6036B0110901 (81EAAK15.G66) TX2: 6036B0111001 (81EAAK15.G67) |
| 263 | ACON | PIFA | IPEX | TX 1: -0.43 TX 2: -1.03 | TX1: 6036B0109802 (APP8P-700459) TX2: 6036B0109702 (APP8P-700460) |
| 264 | WNC | PIFA | IPEX | TX1: 1.75 TX2: 1.42 | TX1: 6036B0109801 (81EAAK15.G17) TX2: 6036B0109701 (81EAAK15.G18) |
| 265 | ACON | PIFA | IPEX | TX 1: -1.36 TX 2: -1.53 | TX1: 6036B0110902 (APP8P-700479) TX2: 6036B0111002 (APP8P-700480) |
| 266 | WNC | PIFA | IPEX | TX1: -0.75 TX2: 1.05 | TX1: 6036B0110901 (81EAAK15.G66) TX2: 6036B0111001 (81EAAK15.G67) |
| 267 | HONGLIN | PIFA | IPEX | TX1: -0.20 TX2: -1.17 | TX1: DQ602348900 TX2: DQ602348900 |
| 268 | Jess-Link | PIFA | IPEX | TX1: -1.10 TX2: 0.86 | TX1: DQ612A00011 TX2: DQ612A00011 |

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| 269 | WNC | PIFA | IPEX | TX1: -0.66 TX2: -0.27 | TX1: DQ6K15G2400 (81EAAK15.G24) TX2: DQ6K15G2400 (81EAAK15.G24) |
| 270 | YAGEO | PIFA | IPEX | TX1: 0.00 TX2: 0.10 | TX1: DQ64313HQ10 / CAN4313HQ0746LLB2 TX2: DQ64313HQ10 / CAN4313HQ0746LLB2 |
| 271 | Jess-Link | PIFA | IPEX | TX1: 1.99 TX2: -0.40 | TX1: DQ612A00006 TX2: DQ612A00006 |
| 272 | WNC | PIFA | IPEX | TX1: 0.91 TX2: 0.28 | TX1: DQ6K15G1300 (81EAAK15.G13) TX2: DQ6K15G1300 (81EAAK15.G13) |
| 273 | HONGLIN | PIFA | IPEX | TX1: 2.05 TX2: 1.49 | TX1: DQ602347400 TX2: DQ602347400 |
| 274 | YAGEO | PIFA | IPEX | TX1: -0.12 TX2: -0.94 | TX1: DQ64313HQ05 / CAN4313HQ0730LLB1 TX2: DQ64313HQ05 / CAN4313HQ0730LLB1 |
| 275 | ACON | PIFA | IPEX | TX 1: 0.30 TX 2: -1.41 | TX1: 6036B0109502 (APP8P-700451) TX2: 6036B0109602 (APP8P-700452) |
| 276 | WNC | PIFA | IPEX | TX1: -0.92 TX2: 0.65 | TX1: 6036B0109501 (81EAAK15.G19) TX2: 6036B0109601 (81EAAK15.G20) |
| 277 | ACON | PIFA | IPEX | TX 1: -0.54 TX 2: -1.10 | TX1: 6036B0111502 (APP8P-700487) TX2: 6036B0111602 (APP8P-700488) |
| 278 | WNC | PIFA | IPEX | TX1: 0.05 TX2: -0.32 | TX1: 6036B0111501 (81EAAK15.G68) TX2: 6036B0111601 (81EAAK15.G69) |
| 279 | HONGLIN | PIFA | IPEX | TX1: 0.66 TX2: 0.42 | TX1: DQ602348700 TX2: DQ602348700 |
| 280 | Jess-Link | PIFA | IPEX | TX1: 0.05 TX2: -0.49 | TX1: DQ612A00009 TX2: DQ612A00009 |
| 281 | WNC | PIFA | IPEX | TX1: -0.08 TX2: 0.73 | TX1: DQ6K15G2200 (81EAAK15.G22) TX2: DQ6K15G2200 (81EAAK15.G22) |
| 282 | YAGEO | PIFA | IPEX | TX1: -0.32 TX2: -0.99 | TX1: DQ64313HQ08 / CAN4313HQ0745LLB1 TX2: DQ64313HQ08 / CAN4313HQ0745LLB1 |
| 283 | WNC | PIFA | IPEX | TX1: -0.73 | 6036B0088903 |

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| 284 | HONGLIN | PIFA | IPEX | TX1: 2.30 TX2: 1.16 | TX1: DQ602347300 TX2: DQ602347300 |
| 285 | Jess-Link | PIFA | IPEX | TX1: 0.66 TX2: 0.97 | TX1: DQ612A00007 TX2: DQ612A00007 |
| 286 | WNC | PIFA | IPEX | TX1: 0.51 TX2: -0.24 | TX1: DQ6K15G1100 (81EAAK15.G11) TX2: DQ6K15G1100 (81EAAK15.G11) |
| 287 | YAGEO | PIFA | IPEX | TX1: 0.02 TX2: -0.55 | TX1: DQ64313HQ06 / CAN4313HQ0729LLB1 TX2: DQ64313HQ06 / CAN4313HQ0729LLB1 |
| 288 | ACON | PIFA | IPEX | TX 1: -2.09 TX 2: -1.48 | TX1: 25.90AJD.001 (APP6P-700748) TX2: 25.90AJE.001 (APP6P-700749) |
| 289 | YAGEO | PIFA | IPEX | TX1: -1.67 TX2: -2.48 | TX1: 25.90AJD.021 / CAN4313HW0738WLA3 TX2: 25.90AJE.021 / CAN4313HW0738WLA4 |
| 290 | ACON | PIFA | IPEX | TX 1: 1.71 TX 2: -0.07 | TX1: 25.90AJ1.001 (APP6P-700752) TX2: 25.90AJ2.001 (APP6P-700753) |
| 291 | WNC | PIFA | IPEX | TX1: -0.20 TX2: -0.93 | TX1: 25.90AJ1.011 (81EAAK15.G96) TX2: 25.90AJ2.011 (81EAAK15.G97) |
| 292 | ACON | PIFA | IPEX | TX 1: 0.69 TX 2: 1.52 | TX1: 25.90AJ7.001 (APP6P-700736) TX2: 25.90AJ8.001 (APP6P-700737) |
| 293 | WNC | PIFA | IPEX | TX1: -0.20 TX2: -0.93 | TX1: 25.90AJ1.011 (81EAAK15.G96) TX2: 25.90AJ2.011 (81EAAK15.G97) |
| 294 | Luxshare | PIFA | IPEX | TX1: -0.60 TX2: -0.29 | TX1: L01RF008-R TX2: L01RF009-R |
| 295 | Well Green | PIFA | IPEX | TX1: 0.85 TX2: 0.44 | TX1: SKW10WMPB01+A TX2: SKW10WMPB02+A |
| 296 | Well Green | PIFA | IPEX | TX1: 0.42 TX2: -0.13 | TX1: SK65EWMPB01+A TX2: SK650WMPB02+A |
| 297 | WNC | PIFA | IPEX | TX1: -0.28 TX2: -0.26 | TX1: 6036B0105002 (81.EKT15.G09) TX2: 6036B0105102 (81.EKT15.G10) |
| 298 | WNC | PIFA | IPEX | TX1: -0.73 | TX1: 6036B0088903 |

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| 299 | Yageo | PIFA | IPEX | TX1: -1.09 | TX1: 6036B0088901/ CAN43130LIIN03841 |
| 300 | ACON | PIFA | IPEX | TX1: -0.99 TX2: -3.00 | TX1: 25.90AJK.001 / APP6P-700760 TX2: 25.90AJL.001 / APP6P-700761 |
| 301 | WNC | PIFA | IPEX | TX1: -1.56 TX2: -2.45 | TX1: 25.90AJK.011 / 81EAAK15.G88 TX2: 25.90AJL.011 / 81EAAK15.G89 |
| 302 | Yageo | PIFA | IPEX | TX1: -2.33 TX2: -3.11 | TX1: 25.90AJK.021 / CAN4313HW0740WLA3 TX2: 25.90AJL.021 / CAN4313HW0740WLA4 |
| 303 | WNC | PIFA | IPEX | TX1: 0.59 TX2: 1.80 | TX1: (81.EJT15.GSR) 6036B0110201 TX2: (81.EJT15.GSS) 6036B0110202 |
| 304 | WNC | PIFA | IPEX | TX1: -3.24 TX2: 1.07 | TX1: 81.EJZ15.G63 WNC 003 TX2: 81.EJZ15.G64 WNC 003 |
| 305 | ACON | PIFA | IPEX | TX1: 1.97 TX2: 1.96 | TX1: APP6P-700784 TX2: APP6P-700785 |
| 306 | ACON | PIFA | IPEX | TX1: 0.89 TX2: -2.71 | TX1: APP6P-700825 TX2: APP6P-700826 |
| 307 | ACON | PIFA | IPEX | TX1: -2.76 TX2: -0.16 | TX1: APP6P-700842 TX2: APP6P-700843 |
| 308 | WNC | PIFA | IPEX | TX1: 0.69 TX2: 1.59 | TX1: WNC00381.EJZ15.G98 6036B0103101 TX2: WNC00381.EJZ15.G99 6036B0103102 |
| 309 | WNC | PIFA | IPEX | TX1: -0.61 TX2: 1.91 | TX1: 25.90AAL.001 TX2: 25.90AAK.001 |
| 310 | TE Connectivity | PIFA | IPEX | TX1: 1.29 TX2: 0.04 | TX1: 25.90AAL.011 TX2: 25.90AAK.011 |
| 311 | WNC | PIFA | IPEX | TX1: 0.24 TX2: -0.58 | TX1: 25.90AH8.001 TX2: 25.90AH7.001 |
| 312 | Wieson | PIFA | IPEX | TX1: 1.28 TX2: 0.34 | TX1: 25.90AH8.011 TX2: 25.90AH7.011 |
| 313 | YAGEO | PIFA | IPEX | TX1: -0.27 TX2: -0.88 | TX1: 25.90AH8.021 TX2: 25.90AH7.021 |
| 314 | YAGEO | PIFA | IPEX | TX1: -1.32 TX2: -1.14 | TX1: 25.90AJB.001 TX2: 25.90AJC.001 |

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| 315 | YAGEO | PIFA | IPEX | TX1: 2.74 TX2: 0.63 | TX1: 25.90ALR.001 TX2: 25.90ALQ.001 |
| 316 | YAGEO | PIFA | IPEX | TX1: -0.11 TX2: -0.68 | TX1: 25.90AJB.001 TX2: 25.90AJC.001 |
| 317 | HIGH-TEK | PIFA | IPEX | TX1: -0.42 TX2: 1.59 | TX1: 25.90AJB.011 TX2: 25.90AJC.011 |
| 318 | HIGH-TEK | PIFA | IPEX | TX1: -0.70 TX2: -0.60 | TX1: 25.90AJB.011 TX2: 25.90AJC.011 |
| 319 | HIGH-TEK | PIFA | IPEX | TX1: -2.2 TX2: -2.2 | TX1: 25.90ALR.011 TX2: 25.90ALQ.011 |
| 320 | Smart | PIFA | IPEX | TX1: -1.46 TX2: 1.70 | TX1: SE-ECZT1-001 (DC33001EB00) TX2: SE-ECZT1-002 (DC33001EB10) |
| 321 | HIGH-TEK | PIFA | IPEX | TX1: -1.80 TX2: -1.68 | TX1: 0ACCN013006 (DC33001EC00) TX2: 0ACCN013007 (DC33001EC10) |
| 322 | FVC | PIFA | IPEX | TX1: 1.58 TX2: 1.75 | K05007012102 |
| 323 | FVC | PIFA | IPEX | TX1: 2.7 TX2: 2.19 | K05007013402 |
| 324 | FVC | PIFA | IPEX | TX1: 1.51 TX2: 2.04 | K05007012803 |
| 325 | FVC | PIFA | IPEX | TX1: 2.53 TX2: 2.28 | K05007015501 |
| 326 | FVC | PIFA | IPEX | TX1: 2.85 TX2: 1.59 | K05007014501 |
| 327 | FVC | PIFA | IPEX | TX1: 3.00 TX2: 1.52 | K05007014201 |
| 328 | FVC | PIFA | IPEX | TX1: 1.85 TX2: 1.94 | TX1: K05007014901 TX2: K05007015001 |
| 329 | Luxshare | PIFA | IPEX | TX1: -1.69 TX2: -0.43 | TX1: L01RF038-DT-R TX2: L01RF039-DT-R |
| 330 | JEM | PIFA | IPEX | TX1: 2.23 TX2: 2.21 | 1510-0122-0022(IA-120073) |
| 331 | WGT | PIFA | IPEX | TX1: 3.2 TX2: 2.76 | TX1: SKX51WMPB01+C TX2: SKX51WMPB02+C |
| 332 | Yageo | PIFA | IPEX | TX1: 0.24 TX2: 0.59 | TX1: ANTA0ZP08021WLAN1 TX2: ANTA0ZP08021WLAN2 |

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| 333 | WGT | PIFA | IPEX | TX1: 1.79 TX2: 0.66 | TX1: SK 81WMPB01+A TX2: SK 81WMPB02+A |
| 334 | WGT | PIFA | IPEX | TX1: 1.36 TX2: 2.88 | SKW2UWMPB01+A |
| 335 | WGT | PIFA | IPEX | TX1: 1.85 TX2: 3.14 | SKW31WMPB01+A |
| 336 | WGT | PIFA | IPEX | TX1: -1.84 TX2: -2.93 | TX1: SKM11WMPB03+A TX2: SKM11WMPB02+D |
| 337 | WGT | PIFA | IPEX | TX1: 2.46 TX2: 2.91 | SKC45WMPB03+B |
| 338 | WGT | PIFA | IPEX | TX1: 1.25 TX2: 3.17 | SKW24WMPB01+B |
| 339 | WGT | PIFA | IPEX | TX1: 0.76 TX2: 0.09 | TX1: SK555WMPB01+B TX2: SK555WMPB02+B |
| 340 | ACON | PIFA | IPEX | TX1: 1.94 TX2: 1.40 | TX1: DQ60APP6P81 TX2: DQ60APP6P80 |
| 341 | HONGLIN | PIFA | IPEX | TX1: -0.50 TX2: -0.19 | TX1: DQ602352300 TX2: DQ602352200 |
| 342 | Amphenol | PIFA | IPEX | TX1: 1.82 TX2: 2.64 | TX1: DC330016100 TX2: DC330016110 |
| 343 | Amphenol | PIFA | IPEX | TX1: -0.35 TX2: 0.59 | TX1: DC330016180 TX2: DC330016190 |
| 344 | Luxshare-ICT | PIFA | IPEX | TX1: -0.07 TX2: 0.32 | TX1: DC330015Z80 TX2: DC330015Z90 |
| 345 | Luxshare-ICT | PIFA | IPEX | TX1: -1.45 TX2: -0.37 | TX1: DC330015Z00 TX2: DC330015Z10 |
| 346 | Amphenol | PIFA | IPEX | TX1: 1.64 TX2: 1.47 | TX1: DC330016160 TX2: DC330016170 |
| 347 | Luxshare-ICT | PIFA | IPEX | TX1: -0.38 TX2: -0.60 | TX1: DC330015Z60 TX2: DC330015Z70 |
| 348 | Amphenol | PIFA | IPEX | TX1: 1.67 TX2: 2.26 | TX1: DC3300161A0 TX2: DC3300161B0 |
| 349 | Luxshare-ICT | PIFA | IPEX | TX1: 1.1 TX2: 0.1 | TX1: DC330015ZA0 TX2: DC330015ZB0 |
| 350 | Amphenol | PIFA | IPEX | TX1: -0.22 TX2: -1.73 | TX1: DC330016200 TX2: DC330016210 |

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| 351 | Amphenol | PIFA | IPEX | TX1: -2.62 TX2: -0.70 | TX1: DC330016220 TX2: DC330016230 |
| 352 | Luxshare-ICT | PIFA | IPEX | TX1: -0.94 TX2: -1.11 | TX1: DC330016020 TX2: DC330016030 |
| 353 | Luxshare-ICT | PIFA | IPEX | TX1: -4.49 TX2: -1.68 | TX1: DC330016000 TX2: DC330016010 |
| 354 | Amphenol | PIFA | IPEX | TX1: -0.46 TX2: -0.98 | TX1: DC330016260 TX2: DC330016270 |
| 355 | Luxshare-ICT | PIFA | IPEX | TX1: -0.43 TX2: 0.84 | TX1: DC330016060 TX2: DC330016070 |
| 356 | HIGH-TEK | PIFA | IPEX | TX1: -0.69 TX2: -0.61 | TX1: DC33001C100 TX2: DC33001C100 |
| 357 | JESS-LINK | PIFA | IPEX | TX1: -1.90 TX2: -0.98 | TX1: DC33001AX00 TX2: DC33001AX00 |
| 358 | YAGEO | PIFA | IPEX | TX1: -0.27 TX2: -0.88 | TX1: 25.90AH8.021 TX2: 25.90AH7.021 |
| 359 | ACON | PIFA | IPEX | TX1: 0.96 TX2: 1.33 | TX1: ATP6P-700000 TX2: ATP6P-700001 |
| 360 | ACON | PIFA | IPEX | TX1: 1.92 TX2: 2.20 | TX1: APP6P-700853 TX2: APP6P-700854 |
| 361 | JEM | PIFA | IPEX | TX1: 2.13 TX2: 2.04 | TX1: IA 120278 TX2: IA 120279 |
| 362 | WNC | PIFA | IPEX | TX1: 0.24 TX2: -0.58 | TX1: 25.90AH8.001 TX2: 25.90AH7.001 |
| 363 | JEM | PIFA | IPEX | TX1: 2.06 TX2: 2.77 | IA-120007 |
| 364 | JEM | PIFA | IPEX | TX1: 1.60 TX2: 2.93 | IA-120007 |
| 365 | Luxshared | PIFA | IPEX | TX1: -0.77 | L01RF035-DT-R |
| 366 | TE | PIFA | IPEX | TX1: -0.63 TX2: -1.69 | TX1: 25.90AC4.011 TX2: 25.90AC3.011 |
| 367 | WNC | PIFA | IPEX | TX1: 1.19 TX2: -0.14 | TX1: 25.90AC4.001 TX2: 25.90AC3.001 |
| 368 | WGT | PIFA | IPEX | TX1: 1.05 TX2: -0.41 | TX1: SK110WMPB01+A TX2: SK110WMPB02+A |

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| 369 | WGT | PIFA | IPEX | TX1: -1.61 TX2: -2.84 | TX1: SKW23WMPB01+A TX2: SKW23WMPB02+A |
| 370 | WGT | PIFA | IPEX | TX1: -0.66 TX2: 0.78 | TX1: SK547WMPB01+A TX2: SK549WMPB02+A |
| 371 | WGT | PIFA | IPEX | TX1: -0.93 TX2: 0.20 | TX1: SK740WMPB01+A TX2: SK740WMPB02+A |
| 372 | WGT | PIFA | IPEX | TX1: 3.03 TX2: 0.55 | TX1: SK840WMPB01+B_SN TX2: SK840WMPB01+B_SN |
| 373 | Smart | PIFA | IPEX | TX1: 1.92 TX2: 1.90 | TX1: SE-ECA00-001 TX2: SE-ECA00-002 |
| 374 | INPAQ | PIFA | IPEX | TX1: -0.33 TX2: -0.73 | TX1: WA-P-LB-02-063 TX2: WA-P-LB-01-032 |
| 375 | Smart | PIFA | IPEX | TX1: 1.33 TX2: 1.32 | TX1: SE-ECA15-001 TX2: SE-ECA15-002 |
| 376 | WNC | PIFA | IPEX | TX1: -0.06 TX2: 0.25 | TX1: 81.EL415.G28.X01 TX2: 81.EL415.G29.X01 |
| 377 | INPAQ | PIFA | IPEX | TX1: 0.54 TX2: 2.37 | TX1: WA-P-LB-02-065 TX2: WA-P-LB-01-033 |
| 378 | Yageo | PIFA | IPEX | TX1: -1.37 TX2: 1.58 | TX1: DC33001K010 / ANTA0HC08611WLAN1 TX2: DC33001K000 / ANTA0HC08611WLAN2 |
| 379 | Wanshih | PIFA | IPEX | TX1: 2.72 | UC1WFI0120 |
| 380 | Wanshih | PIFA | IPEX | TX1: 2.95 TX2: 2.64 | UC1WFI0089 |
| 381 | Wha Yu | PIFA | IPEX | TX1: 0.59 TX2: 1.39 | C1335-520173-A |
| 382 | YAGEO | PIFA | IPEX | TX1: -0.10 TX2: -2.21 | TX1: CAN4313ZP0744WLA1 TX2: ANTA0ZP07441WLAN2 |
| 383 | YAGEO | PIFA | IPEX | TX1: -1.25 TX2: -3.08 | TX1: ANT0000ZPWLA07821 TX2: ANTA0ZP07821WLAN2 |
| 384 | Well Green | PIFA | IPEX | TX1: 0.46 TX2: -0.79 | TX1: SKCZTWMPB01+A TX2: SKCZTWMPB02+A |
| 385 | Well Green | PIFA | IPEX | TX1: 1.48 TX2: 1.15 | TX1: SK670WMPB01+A TX2: SK670WMPB02+A |
| 386 | INPAQ | PIFA | IPEX | TX1: -3.66 TX2: -1.78 | TX1: WA-P-LB-02-082 TX2: WA-P-LB-01-046 |

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| 387 | Smart-Approach | PIFA | IPEX | TX1: -4.42 TX2: -4.71 | TX1: SE-ECZA0-001 TX2: SE-ECZA0-002 |
| 388 | ACON | PIFA | IPEX | TX1: 2.92 TX2: 0.06 | TX1: APM8P-700076 TX2: APM8P-700077 |
| 389 | Smart-Approach | PIFA | IPEX | TX1: -0.04 TX2: 1.10 | TX1: SE-ECWG4-001 TX2: SE-ECWG4-002 |
| 390 | WNC | PIFA | IPEX | TX1: -0.90 TX2: -2.06 | TX1: 81.EK515.G64 TX2: 81.EK515.G65 |
| 391 | WNC | PIFA | IPEX | TX1: -0.20 TX2: -1.54 | TX1: 81.EK515.G66 TX2: 81.EK515.G67 |
| 392 | WNC | PIFA | IPEX | TX1: 0.26 TX2: -0.65 | TX1: 81EAAS15.G13 TX2: 81EAAS15.G14 |
| 393 | WNC | PIFA | IPEX | TX1: 0.01 TX2: -0.36 | TX1: 81EAAS15.G09 TX2: 81EAAS15.G10 |
| 394 | ACON | PIFA | IPEX | TX1: 1.84 TX2: 1.05 | TX1: APP6P-700917 TX2: APP6P-700918 |
| 395 | ACON | PIFA | IPEX | TX1: 0.17 TX2: -1.20 | TX1: APP6P-700915 TX2: APP6P-700916 |
| 396 | Foxconn | PIFA | IPEX | TX1: -1.68 TX2: -1.49 | TX1: DQ6U8600300 TX2: DQ6U8600300 |
| 397 | HONGLIN | PIFA | IPEX | TX1: 1.31 TX2: 0.03 | TX1: DQ602353000 TX2: DQ602353000 |
| 398 | JESS-LINK | PIFA | IPEX | TX1: -0.73 TX2: -1.82 | TX1: DQ613A00001 TX2: DQ613A00001 |
| 399 | WNC | PIFA | IPEX | TX1: -0.31 TX2: -0.18 | TX1: DQ6K15G8100 (81EAAK15.G81) TX2: DQ6K15G8100 (81EAAK15.G81) |
| 400 | Foxconn | PIFA | IPEX | TX1: -2.19 TX2: -1.87 | TX1: DQ6U8600500 TX2: DQ6U8600500 |
| 401 | HONGLIN | PIFA | IPEX | TX1: 0.89 TX2: -2.14 | TX1: DQ602353100 TX2: DQ602353100 |
| 402 | JESS-LINK | PIFA | IPEX | TX1: -2.4 TX2: 0.07 | TX1: DQ613A00000 TX2: DQ613A00000 |
| 403 | WNC | PIFA | IPEX | TX1: -2.87 TX2: 0.17 | TX1: DQ6K15G8400 (81EAAK15.G84) TX2: DQ6K15G8400 (81EAAK15.G84) |
| 404 | WNC | PIFA | IPEX | TX1: -1.30 TX2: -2.11 | TX1: 25.90AJ9.001 (81EAAK15.GAA) TX2: 25.90AJA.001 (81EAAK15.GAB) |

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| 405 | Foxconn | PIFA | IPEX | TX1: -0.16 TX2: -2.12 | TX1: DQ6U6200100/ WDAN-HQU62001-DH TX2: DQ6U6200100/ WDAN-HQU62001-DH |
| 406 | HONGLIN | PIFA | IPEX | TX1: -2.12 TX2: -2.49 | TX1: DQ602349300 TX2: DQ602349300 |
| 407 | JESS-LINK | PIFA | IPEX | TX1: 0.74 TX2: -0.55 | TX1: DQ612A00014 TX2: DQ612A00014 |
| 408 | WNC | PIFA | IPEX | -0.30 | DQ6K15GBF00 (81EAAK15.GBF) |
| 409 | ACON | PIFA | IPEX | 0.33 | DQ60APP6PA2 /APP6P-701012 |
| 410 | Foxconn | PIFA | IPEX | TX1: -2.35 TX2: -4.54 | TX1: MD201303-3604 TX2: MD201303-3604 |
| 411 | HONGLIN | PIFA | IPEX | TX1: -1.63 TX2: -3.34 | TX1: DQ602353300 TX2: DQ602353300 |
| 412 | JESS-LINK | PIFA | IPEX | TX1: -0.43 TX2: -0.65 | TX1: DQ613A00003 TX2: DQ613A00003 |
| 413 | WNC | PIFA | IPEX | TX1: -0.07 TX2: -1.40 | TX1: DQ6K15G8300 (81EAAK15.G83) TX2: DQ6K15G8300 (81EAAK15.G83) |
| 414 | Yageo | PIFA | IPEX | TX1: -1.60 TX2: -2.10 | TX1: DQ60000HQ00 / ANT0000HQWLB07862 TX2: DQ60000HQ00 / ANT0000HQWLB07862 |
| 415 | Foxconn | PIFA | IPEX | TX1: -4.13 TX2: -2.85 | TX1: MD201303-3646 TX2: MD201303-3646 |
| 416 | HONGLIN | PIFA | IPEX | TX1: -1.46 TX2: -1.21 | TX1: DQ602353200 TX2: DQ602353200 |
| 417 | JESS-LINK | PIFA | IPEX | TX1: -0.24 TX2: -0.99 | TX1: DQ613A00004 TX2: DQ613A00004 |
| 418 | WNC | PIFA | IPEX | TX1: 1.23 TX2: -0.64 | TX1: DQ6K15G8200 (81EAAK15.G82) TX2: DQ6K15G8200 (81EAAK15.G82) |
| 419 | Yageo | PIFA | IPEX | TX1: -0.54 TX2: -1.44 | TX1: DQ60000HQ01 / ANT0000HQWLB07861 TX2: DQ60000HQ01 / ANT0000HQWLB07861 |
| 420 | ACON | PIFA | IPEX | TX1: -1.36 TX2: -1.37 | TX1: APP6P701008 TX2: APP6P701009 |

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| 421 | Smart Approach | PIFA | IPEX | TX1: -1.16 TX2: 1.90 | TX1: SE-ECZT1-003 TX2: SE-ECZT1-004 |
| 422 | Foxconn | PIFA | IPEX | 2.45 | 79011DH00-600-G |
| 423 | HONGLIN | PIFA | IPEX | 1.13 | 79011DN00-H0B-G |
| 424 | Foxconn | PIFA | IPEX | 2.72 | 79011DK00-600-G |
| 425 | HONGLIN | PIFA | IPEX | 0.69 | 79011DP00-H0B-G |
| 426 | WGT | PIFA | IPEX | TX1: 0.76 TX2: 0.46 | TX1: SK94SWMPB01+B TX2: SK94SWMPB01+B |
| 427 | WGT | PIFA | IPEX | TX1: 1.32 TX2: 1.86 | TX1: SK94TWMPB01+B TX2: SK94TWMPB01+B |
| 428 | WGT | PIFA | IPEX | TX1: -0.03 TX2: -0.13 | TX1: SK50SWMPB01+A TX2: SK50SWMPB02+A |
| 429 | Foxconn | PIFA | IPEX | TX1: -1.68 | DQ6U86N0800 |
| 430 | HONGLIN | PIFA | IPEX | TX1: 1.31 | DQ602356400 |
| 431 | JESS-LINK | PIFA | IPEX | TX1: -0.73 | DQ613A00016 |
| 432 | WNC | PIFA | IPEX | TX1: -0.31 | DQ6K15GBW00 (81EAAK15.GBW) |
| 433 | Foxconn | PIFA | IPEX | TX1: -2.19 | DQ6U86T0700 |
| 434 | HONGLIN | PIFA | IPEX | TX1: 0.89 | DQ602356500 |
| 435 | JESS-LINK | PIFA | IPEX | TX1: -2.40 | DQ613A00015 |
| 436 | WNC | PIFA | IPEX | TX1: -2.87 | DQ6K15GBX00 (81EAAK15.GBX) |
| 437 | TONGDA | PIFA | IPEX | TX1: 0.04 TX2: -1.22 | TX1: DC33001H800 / T-543-9001008-1 TX2: DC33001H810 / T-543-9001008-2 |
| 438 | WNC | PIFA | IPEX | TX1: -0.02 TX2: 2.24 | TX1: DC33001H900 / 81EAAK15.GCC TX2: DC33001H910 / 81EAAK15.GCD |
| 439 | Yageo | PIFA | IPEX | TX1: 0.67 TX2: -0.83 | TX1: DC33001HB00 / ANTA0HC08231WLAN1 TX2: DC33001HB10 / ANTA0HC08231WLAN2 |
| 440 | Foxconn | PIFA | IPEX | TX1: -4.13 | DQ6U83T0500 |
| 441 | HONGLIN | PIFA | IPEX | TX1: -1.46 | DQ602356200 |
| 442 | JESS-LINK | PIFA | IPEX | TX1: -0.24 | DQ613A00018 |
| 443 | WNC | PIFA | IPEX | TX1: 1.23 | DQ6K15GBY00 (81EAAK15.GBY) |
| 444 | Foxconn | PIFA | IPEX | TX1: -2.35 | DQ6U83N0600 |
| 445 | HONGLIN | PIFA | IPEX | TX1: -1.63 | DQ602356300 |
| 446 | JESS-LINK | PIFA | IPEX | TX1: -0.43 | DQ613A00017 |
| 447 | WNC | PIFA | IPEX | TX1: -0.07 | DQ6K15GBZ00 (81EAAK15.GBZ) |

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| 448 | WNC | PIFA | IPEX | TX1: 0.36 TX2: 0.98 | TX1: DQ6G15G5600 TX2: DQ6G15G5500 |
| 449 | ZYE | PIFA | IPEX | TX1: -1.52 TX2: -1.32 | TX1: DQ60QTLI202 TX2: DQ60QTLI203 |
| 450 | JEM | PIFA | IPEX | TX1: 2.64 TX2: -0.19 | TX1: IA-130096 TX2: IA-130096 |
| 451 | JEM | PIFA | IPEX | TX1: 2.03 TX2: -1.19 | TX1: IA-130173 TX2: IA-130173 |
| 452 | JEM | PIFA | IPEX | TX1: 1.05 TX2: -1.60 | TX1: IA-130313 TX2: IA-130313 |
| 453 | JEM | PIFA | IPEX | TX1: 2.57 TX2: 1.55 | TX1: IA-130314 TX2: IA-130314 |
| 454 | ACON | PIFA | IPEX | TX1: 0.17 TX2: -1.20 | TX1: APP6Y-700000 TX2: APP6Y-700001 |
| 455 | ACON | PIFA | IPEX | TX1: 1.84 TX2: 1.05 | TX1: APP6Y-700002 TX2: APP6Y-700003 |
| 456 | WNC | PIFA | IPEX | TX1: 0.01 TX2: -0.36 | TX1: 81EAAS15.G19 TX2: 81EAAS15.G20 |
| 457 | WNC | PIFA | IPEX | TX1: 0.26 TX2: -0.65 | TX1: 81EAAS15.G17 TX2: 81EAAS15.G18 |
| 458 | Foxconn | PIFA | IPEX | TX1: -4.13 TX2: -2.85 | TX1: DQ608300300 TX2: DQ608300300 |
| 459 | WGT | PIFA | IPEX | TX1: 1.32 TX2: 1.86 | TX1: SK94TWMPB01+D TX2: SK94TWMPB01+D |
| 460 | TONGDA | PIFA | IPEX | TX1: 2.63 TX2: 0.72 | TX1: T-543-9021009-1 TX2: T-543-9021009-2 |
| 461 | Smart | PIFA | IPEX | TX1: 1.25 TX2: 1.66 | TX1: SE-ECAA0-001 TX2: SE-ECAA0-002 |
| 462 | WNC | PIFA | IPEX | TX1: -0.36 TX2: -0.55 | TX1: 81EAAK15.GBV TX2: 81EAAK15.GBV |
| 463 | JESS-LINK | PIFA | IPEX | TX1: -0.36 TX2: -0.73 | TX1: DQ613A00014 TX2: DQ613A00014 |
| 464 | Yageo | PIFA | IPEX | TX1: 1.31 TX2: 1.26 | TX1: DQ600827200/ ANTA0HQ08272WLWL1 TX2: DQ600827200/ ANTA0HQ08272WLWL1 |

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| 465 | WNC | PIFA | IPEX | -1.29 | 81EAAK15.GCV |
| 466 | Yageo | PIFA | IPEX | -2.88 | DC33001IM00 / ANTA0HC08341WLAN3 |
| 467 | WNC | PIFA | IPEX | -1.09 | 81EAAK15.GCV |
| 468 | Yageo | PIFA | IPEX | -2.96 | DC33001IM00/ ANTA0HC08341WLAN3 |
| 469 | Foxconn | PIFA | IPEX | TX1: 2.27 TX2: 1.14 | TX1: 79011HU00-600-G TX2: 79011HU00-600-G |
| 470 | Yageo | PIFA | IPEX | TX1: 1.06 | TX1: DQ600856200/ ANTA0HQ08562WLGP4 |
| 471 | Foxconn | PIFA | IPEX | TX1: -0.57 TX2: -0.97 | TX1: DQ6V5NS3300 (WDAN-HQV5NS33-DH) TX2: DQ6V5NS3300 (WDAN-HQV5NS33-DH) |
| 472 | Foxconn | PIFA | IPEX | TX1: -0.07 | TX1: DQ6V5NS3100 (WDAN-HQV5NS31-DH) |
| 473 | Foxconn | PIFA | IPEX | TX1: 0.30 TX2: -0.18 | TX1: DQ6V5TS3300 (WDAN-HQV5TS33-DH) TX2: DQ6V5TS3300 (WDAN-HQV5TS33-DH) |
| 474 | Foxconn | PIFA | IPEX | TX1: 2.25 | TX1: DQ6V5TS3100 (WDAN-HQV5TS31-DH) |
| 475 | Foxconn | PIFA | IPEX | TX1: 0.48 TX2: -0.69 | TX1: DQ6V7NS3300 (WDAN-HQV7NS33-DH) TX2: DQ6V7NS3300 (WDAN-HQV7NS33-DH) |
| 476 | Foxconn | PIFA | IPEX | TX1: -0.89 | TX1: DQ6V7NS3100 (WDAN-HQV7NS31-DH) |
| 477 | Foxconn | PIFA | IPEX | TX1: 2.34 | TX1: DQ6V7TS3100 (WDAN-HQV7TS31-DH) |
| 478 | Foxconn | PIFA | IPEX | TX1: 1.44 TX2: 1.04 | TX1: DQ6V4NS3300 (WDAN-HQV4NS33-DH) TX2: DQ6V4NS3300 (WDAN-HQV4NS33-DH) |
| 479 | Foxconn | PIFA | IPEX | TX1: -0.93 | TX1: DQ6V4NS3100 (WDAN-HQV4NS31-DH) |

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| 480 | Foxconn | PIFA | IPEX | TX1: 1.25 TX2: 3.36 | TX1: DQ6V4TS3300 (WDAN-HQV4TS33-DH) TX2: DQ6V4TS3300 (WDAN-HQV4TS33-DH) |
| 481 | Foxconn | PIFA | IPEX | TX1: 2.39 | TX1: DQ6V4TS3100 (WDAN-HQV4TS31-DH) |
| 482 | Foxconn | PIFA | IPEX | TX1: -0.52 TX2: 2.89 | TX1: DQ6V7TS3300 (WDAN-HQV7TS33-DH) TX2: DQ6V7TS3300 (WDAN-HQV7TS33-DH) |
| 483 | JESS-LINK | PIFA | IPEX | TX1: -0.97 TX2: -1.03 | TX1: DQ613A00032 (PANT13A00008-6) TX2: DQ613A00032 (PANT13A00008-6) |
| 484 | JESS-LINK | PIFA | IPEX | TX1: -0.03 | TX1: DQ613A00033 (PANT13A00007-9) |
| 485 | JESS-LINK | PIFA | IPEX | TX1: -1.46 TX2: -0.43 | TX1: DQ613A00024 (PANT13A00008-8) TX2: DQ613A00024 (PANT13A00008-8) |
| 486 | JESS-LINK | PIFA | IPEX | TX1: 0.29 | TX1: DQ613A00025 (PANT13A00008-2) |
| 487 | JESS-LINK | PIFA | IPEX | TX1: -0.40 TX2: 0.40 | TX1: DQ613A00028 (PANT13A00008-4) TX2: DQ613A00028 (PANT13A00008-4) |
| 488 | JESS-LINK | PIFA | IPEX | TX1: 0.93 | TX1: DQ613A00029 (PANT13A00007-7) |
| 489 | TONGDA | PIFA | IPEX | TX1: 0.04 TX2: -1.22 | TX1: DC33001H800 / T-543-9001008-1 TX2: DC33001H810 / T-543-9001008-2 |
| 490 | WNC | PIFA | IPEX | TX1: -0.02 TX2: 2.24 | TX1: DC33001H900 / 81EAAK15.GCC TX2: DC33001H910 / 81EAAK15.GCD |
| 491 | Yageo | PIFA | IPEX | TX1: 0.67 TX2: -0.83 | TX1: DC33001HB00 / ANTA0HC08231WLAN1 TX2: DC33001HB10 / ANTA0HC08231WLAN2 |

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| 492 | ACON | PIFA | IPEX | TX1: -1.36 TX2: -1.53 | TX1: 6036B0110902 (APP8P-700479) TX2: 6036B0111002 (APP8P-700480) |
| 493 | WNC | PIFA | IPEX | TX1: -0.75 TX2: 1.05 | TX1: 6036B0110901 (81EAAK15.G66) TX2: 6036B0111001 (81EAAK15.G67) |
| 494 | Smart Approach | PIFA | IPEX | TX1: 0.93 TX2: -0.55 | TX1: DC33001HF00/ SE-ECS41-001 TX2: DC33001HF10/ SE-ECS41-002 |
| 495 | TONGDA | PIFA | IPEX | TX1: 0.74 TX2: -0.07 | TX1: DC33001HE00 / T-543-9001007-1 TX2: DC33001HE10 / T-543-9001007-2 |
| 496 | WNC | PIFA | IPEX | TX1: 0.39 TX2: 0.27 | TX1: DC33001HD00/ 81EAAK15.GCA TX2: DC33001HD10/ 81EAAK15.GCB |
| 497 | SIMYA | PIFA | IPEX | TX1: 1.30 TX2: -0.65 | TX1: DQ601001400 TX2: DQ601001400 |
| 498 | SIMYA | PIFA | IPEX | TX1: 0.72 | TX1: DQ601001500 |
| 499 | SIMYA | PIFA | IPEX | TX1: -1.82 TX2: 1.86 | TX1: DQ601001200 TX2: DQ601001200 |
| 500 | SIMYA | PIFA | IPEX | TX1: 1.27 | TX1: DQ601001300 |
| 501 | SIMYA | PIFA | IPEX | TX1: 2.23 TX2: 1.38 | TX1: DQ601001800 TX2: DQ601001800 |
| 502 | SIMYA | PIFA | IPEX | TX1: 0.18 | TX1: DQ601001900 |
| 503 | SIMYA | PIFA | IPEX | TX1: 2.23 | TX1: DQ601001700 |
| 504 | SIMYA | PIFA | IPEX | TX1: 0.04 TX2: 0.38 | TX1: DQ601001000 TX2: DQ601001000 |
| 505 | SIMYA | PIFA | IPEX | TX1: 1.60 | TX1: DQ601001100 |
| 506 | SIMYA | PIFA | IPEX | TX1: -0.79 TX2: 1.62 | TX1: DQ601000800 TX2: DQ601000800 |
| 507 | SIMYA | PIFA | IPEX | TX1: 2.20 | TX1: DQ601000900 |
| 508 | ACON | PIFA | IPEX | TX1: 0.51 | TX1: 6036B0121903 (APP6P-701022) |
| 509 | Smart Approach | PIFA | IPEX | TX1: -0.55 | TX1: 6036B0121901 (SE-EISW4-001) |
| 510 | SIMYA | PIFA | IPEX | TX1: 2.23 TX2: 1.38 | TX1: DQ601001600 TX2: DQ601001600 |
| 511 | WGT | PIFA | IPEX | TX1: -0.93 TX2: -0.36 | TX1: SK970WIPB01+A TX2: SK970WIPB02+A |
| 512 | WNC | PIFA | IPEX | TX1: 0.83 | TX1: DQ6R15G5400 (81EAAR15.G54) |
| 513 | WNC | PIFA | IPEX | TX1: -0.14 TX2: -0.24 | TX1: DQ6R15G1100 (81EAAR15.G11) TX2: DQ6R15G1100 (81EAAR15.G11) |
| 514 | WNC | PIFA | IPEX | TX1: -0.67 | TX1: DQ6R15G1200 (81EAAR15.G12) |

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| 515 | WNC | PIFA | IPEX | TX1: -0.23 TX2: 0.96 | TX1: DQ6R15G1300 (81EAAR15.G13) TX2: DQ6R15G1300 (81EAAR15.G13) |
| 516 | WNC | PIFA | IPEX | TX1: 1.22 | TX1: DQ6R15G1400 (81EAAR15.G14) |
| 517 | WNC | PIFA | IPEX | TX1: 1.29 TX2: 1.99 | TX1: DQ6R15G1500 (81EAAR15.G15) TX2: DQ6R15G1500 (81EAAR15.G15) |
| 518 | WNC | PIFA | IPEX | TX1: 1.52 | TX1: DQ6R15G1600 (81EAAR15.G16) |
| 519 | WNC | PIFA | IPEX | TX1: -0.91 TX2: 1.99 | TX1: DQ6R15G1700 (81EAAR15.G17) TX2: DQ6R15G1700 (81EAAR15.G17) |
| 520 | WNC | PIFA | IPEX | TX1: 2.45 | TX1: DQ6R15G1800 (81EAAR15.G18) |
| 521 | WNC | PIFA | IPEX | TX1: 0.80 TX2: 0.01 | TX1: DQ6R15G5600 (81EAAR15.G56) TX2: DQ6R15G5600 (81EAAR15.G56) |
| 522 | WNC | PIFA | IPEX | TX1: 2.33 | TX1: DQ6R15G5700 (81EAAR15.G57) |
| 523 | WNC | PIFA | IPEX | TX1: 0.46 TX2: 2.13 | TX1: DQ6R15G0900 (81EAAR15.G09) TX2: DQ6R15G0900 (81EAAR15.G09) |
| 524 | WNC | PIFA | IPEX | TX1: 2.59 | TX1: DQ6R15G1000 (81EAAR15.G10) |
| 525 | WNC | PIFA | IPEX | TX1: -0.76 TX2: -0.99 | TX1: DC33001K110 (81EAAR15.G25) TX2: DC33001K100 (81EAAR15.G26) |
| 526 | WINIZEN | PIFA | IPEX | TX1: 2.709 | TX1: W13-B07 |
| 527 | ACON | PIFA | IPEX | TX1: -0.63 TX2: -1.61 | TX1: DC33001JT10 / APP6P-701096 TX2: DC33001JT00 /APP6P-701097 |
| 528 | YAGEO | PIFA | IPEX | TX1: -2.08 TX2: 0.67 | TX1: CAN4313748012501B TX3: CAN4313907022501B |
| 529 | HuiZhou Speed Wireless | PIFA | IPEX | TX1: -0.01 TX2: -0.73 | TX1: DC33001KM10 / F.0G.FP-6001-002 TX2: DC33001KM00 / F.0G.FP-6001-001 |
| 530 | Wanshih | PIFA | IPEX | TX1: 2.99 TX2: 3.46 | TX1: UC7WFI0001 A03 TX2: UC7WFI0002 A02 |
| 531 | WGT | PIFA | IPEX | TX1: -0.49 TX2: -1.48 | TX1: SK210WIPB03+A TX2: SK210WIPB03+A |
| 532 | High-Tek | PIFA | IPEX | TX1: 1.07 TX2: 1.8 | TX1: 0ACCL014001N TX2: 0ACCL014001N |
| 533 | WGT | PIFA | IPEX | TX1: 1.35 TX2: 2.45 | TX1: SK510WIPB01+C TX2: SK510WIPB01+C |
| 534 | WGT | PIFA | IPEX | TX1: 1.67 TX2: -0.1 | TX1: 0ACCLE14001N TX2: 0ACCLE14001N |

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| 535 | WNC | PIFA | IPEX | TX1: 0.92 TX2: 0.83 | TX1: DQ6R15G7300 (81EAAR15.G73) TX2: DQ6R15G7300 (81EAAR15.G73) |
| 536 | Yageo | PIFA | IPEX | TX1: -2.61 TX2: -2.06 | TX1: DC33001JW10 /ANTA0HC08581WLAN3 TX2: DC33001JW00 /ANTA0HC08581WLAN4 |
| 537 | HONGLIN | PIFA | IPEX | TX1: -0.18 TX2: -0.68 | TX1: 260-23495 TX2: 260-23494 |
| 538 | WNC | PIFA | IPEX | TX1: 2.01 TX2: 1.44 | TX1: 81.EEW15.GDA TX2: 81.EEW15.GDB |
| 539 | HONGLIN | PIFA | IPEX | TX1: -0.13 TX2: -1.02 | TX1: 260-23497 TX2: 260-23496 |
| 540 | WNC | PIFA | IPEX | TX1: 1.14 TX2: 1.45 | TX1: 81.EEW15.GDC TX2: 81.EEW15.GDD |
| 541 | ACON | PIFA | IPEX | TX1: -0.20 TX2: -1.68 | TX1: 6036B0121903 (APP6P-701022) TX2: 6036B0121803 (APP6P-701023) |
| 542 | Smart Approach | PIFA | IPEX | TX1: -2.27 TX2: -0.21 | TX1: 6036B0121901 (SE-EISW4-001) TX2: 6036B0121801 (SE-EISW4-002) |
| 543 | ACON | PIFA | IPEX | TX1: -1.73 TX2: -2.91 | TX1: 6036B0123701 (APP6P-701061) TX2: 6036B0123601 (APP6P-701062) |
| 544 | SA | PIFA | IPEX | TX1: -0.58 TX2: 0.94 | TX1: 6036B0123703 (SE-EISW5-001) TX2: 6036B0123603 (SE-EISW5-002) |
| 545 | WNC | PIFA | IPEX | TX1: -1.50 TX2: -0.48 | TX1: DC33001K310 (81EAAR15.G37) TX2: DC33001K300 (81EAAR15.G38) |
| 546 | ADVANCED-CONNECTEK | PIFA | IPEX | TX1: 0.29 TX2: -0.59 | TX1: DC33001JV10/ APP6P-701104 TX2: DC33001JV00/ APP6P-701105 |
| 547 | HuiZhou Speed Wire | PIFA | IPEX | TX1: 0.78 TX2: 0.81 | TX1: DC33001KO10 / F.0G.FP-6003-002 TX2: DC33001KO00 / F.0G.FP-6003-001 |
| 548 | Yageo | PIFA | IPEX | TX1: -1.19 TX2: 0.30 | TX1: DC33001JZ10 /ANTA0HC08601WLAN3 TX2: DC33001JZ00 /ANTA0HC08601WLAN4 |
| 549 | ACON | PIFA | IPEX | TX1: 0.61 TX2: 1.16 | TX1: DC33001JU10 / APP6P-701100 TX2: DC33001JU00 / APP6P-701101 |

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| 550 | HuiZhou Speed Wireless | PIFA | IPEX | TX1: -2.47 TX2: -1.82 | TX1: DC33001KN10 / F.0G.FP-6002-002 TX2: DC33001KN00 / F.0G.FP-6002-001 |
| 551 | WNC | PIFA | IPEX | TX1: 1.09 TX2: -0.01 | TX1: DC33001K210 (81EAAR15.G31) TX2: DC33001K200 (81EAAR15.G32) |
| 552 | Yageo | PIFA | IPEX | TX1: -0.35 TX2: -2.07 | TX1: DC33001JY10 / ANTA0HC08591WLAN3 TX2: DC33001JY00 / ANTA0HC08591WLAN4 |
| 553 | WNC | PIFA | IPEX | TX1: -0.95 TX2: 0.46 | TX1: DC33001K410 (81EAAR15.G41) TX2: DC33001K400 (81EAAR15.G42) |
| 554 | ACON | PIFA | IPEX | TX1: -1.04 TX2: 1.45 | TX1: DC33001JX10 / APP6P-701106 TX2: DC33001JX00 / APP6P-701107 |