

## Appendix B. Antenna List

**Table for Filed Antenna**

No.	Brand	Ant. Type	Con. Type	Peak Gain (dBi)	Model No.
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	HBY07
08	Hitachi	PIFA	IPEX	Main: 2.91 Aux.: 2.82	HBY051
09	Hitachi	PIFA	IPEX	TX 1: 0.27 TX 2: 0.02	HBY052
10	Hitachi	PIFA	IPEX	TX 1: 1.30 TX 2: 2.42	HBY061
11	Hitachi	PIFA	IPEX	TX 1: -1.04 TX 2: -1.19	HBY062
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

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

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

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

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



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

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



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



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



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

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



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

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

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



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



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

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



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



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

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



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

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: ANTAOZP07821WLAN2
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

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)



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

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)



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



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)

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



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)

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

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



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