

PWM00049

9/7/2006

Not assembly

Position	nur	RefDes	parttype	NIDItemNumber
1		C1	CAC/CAP_68PF_0603	CAC00010
2		C2	CAC/CAP_68PF_0603	CAC00010
3		C19	CAC/CAP_22PF_0603	CAC00008
4		C30	CAC/CAP_68PF_0603	CAC00010
5		C31	CAC/CAP_68PF_0603	CAC00010
6		C32	CAC/CAP_100NF_0603	CAC00003
7		C33	CAC/JMK316BJ105ML-T	CAC00017
8		C34	CAC/JMK316BJ105ML-T	CAC00017
9		C35	CAC/CAP_220PF_0603	CAC00007
10		C36	CAC/CAP_220PF_0603	CAC00007
11		C38	CAC/CAP_100NF_0603	CAC00003
12		C41	CAC/CAP_100NF_0603	CAC00003
13		C42	CAC/CAP_100NF_0603	CAC00003
14		C45	CAC/CAP_15PF_0603	CAC00001
15		C46	CAC/CAP_15PF_0603	CAC00001
16		C47	CAC/CAP_15PF_0603	CAC00001
17		C48	CAC/CAP_10NF_0603	CAC00002
18		C58	CAC/JMK316BJ106ML-T	CAC00015
19		C60	CAC/CAP_100NF_0603	CAC00003
20		C61	CAC/CAP_100NF_0603	CAC00003
21		C62	CAC/JMK316BJ106ML-T	CAC00015
22		C63	CAC/CAP_10NF_0603	CAC00002
23		C64	CAC/CAP_100NF_0603	CAC00003
24		C65	CAC/CAP_100NF_0603	CAC00003
25		C66	CAC/CAP_100NF_0603	CAC00003
26		C67	CAC/CAP_100NF_0603	CAC00003
27		C68	CAC/CAP_100NF_0603	CAC00003
28		C69	CAC/CAP_100NF_0603	CAC00003
29		C70	CAC/CAP_100NF_0603	CAC00003
30		C71	CAC/CAP_100NF_0603	CAC00003
31		C72	CAC/CAP_100NF_0603	CAC00003
32		C73	CAC/CAP_100NF_0603	CAC00003
33		C78	CAC/CAP_100PF_0402	CAC00004
34		C79	CAC/CAP_100PF_0402	CAC00004
35		C87	CAC/CAP_100NF_0603	CAC00003
36		C88	CAC/JMK316BJ106ML-T	CAC00015
37		C93	CAC/CAP_100PF_0402	CAC00004
38		C94	CAC/CAP_100NF_0603	CAC00003
39		C95	CAC/CAP_100NF_0603	CAC00003
40		C100	CAC/CAP_22PF_0603	CAC00008
41		C103	CAC/CAP_100NF_0603	CAC00003
42		C108	CAC/CAP_100PF_0402	CAC00004
43		C109	CAC/CAP_100PF_0402	CAC00004
44		C110	CAC/CAP_100PF_0402	CAC00004
45		C111	CAC/CAP_100PF_0402	CAC00004

46	C112	CAC/CAP_100PF_0402	CAC00004
47	C124	CAC/CAP_NC_0603	CAC00012
48	C125	CAC/CAP_NC_0603	CAC00012
49	C126	CAC/CAP_NC_0603	CAC00012
50	C127	CAC/CAP_NC_0603	CAC00012
51	C128	CAC/CAP_NC_0603	CAC00012
52	C129	CAC/CAP_NC_0603	CAC00012
53	CAP1	CAV/CAP_TRIM_5_50PF	CAV00001
54	CAP2	CAV/CAP_TRIM_5_50PF	CAV00001
55	CAP3	CAV/CAP_TRIM_5_50PF	CAV00001
56	IC1	EMS/MMA7260Q	EMS0000?
57	J3	COM/3-PIN_2_45	COM00009
58	J5	COM/53261-0690	COM00008
59	J6	MEF/PEM_SMTSO	
60	J7	MEF/PEM_SMTSO	
61	J8	COM/53261-0690	COM00008
62	J9	COM/53261-0690	COM00008
63	J10	COM/KUSB-SMT-AS1N-B_VER2	COM00005
64	J11	MEF/PEM_SMTSO	
65	L1	INF/NLV32T-1R0J	INF00003
66	L2	INF/NLV32T-1R0J	INF00003
67	R1	REL/RES_0603_820R	REL00015
68	R4	REL/RES_0603_10K	REL00005
69	R20	REL/RES_0603_NA	REL00001
70	R21	REL/RES_0603_NA	REL00001
71	R27	REL/RES_0603_2K7	REL00013
72	R30	REL/RES_0603_0R	REL00012
73	R31	REL/RES_0603_0R	REL00012
74	R32	REL/RES_0603_NA	REL00001
75	R33	REL/RES_0603_NA	REL00001
76	R36	REL/RES_0603_NA	REL00001
77	R49	REL/RES_0603_10K	REL00005
78	R50	REL/RES_0603_10K	REL00005
79	R54	REL/RES_0603_10K	REL00005
80	R55	REL/RES_0603_10K	REL00005
81	R64	REL/RES_0603_10K	REL00005
82	R65	REL/RES_0603_10K	REL00005
83	R66	REL/RES_0603_10K	REL00005
84	R67	REL/RES_0603_10K	REL00005
85	R71	REL/RES_0603_10K	REL00005
86	R73	REL/RES_0603_NA	REL00001
87	U1	ICS/CL_RC632	
88	U5	ICR/ATMEGA32L	ICR00001
89	U6	ICP/TPS2022D	ICP0000?
90	U9	ICD/74LVC2G125	ICD00001
91	U10	ICD/74LVC2G125	ICD00001
92	X2	RFC/XTAL/13.56MHZ	
93	X4	RFC/12SMX_24.576MHZ	RFC0000?
94	X5	RFC/XTAL/24.575MHZ	
95	X6	RFC/XTAL/7.3728MHZ	
96	A1	EMA/7488910245_2.4G_CHIP_ANT	EMA00001

97	A2	EMA/7488910245_2.4G_CHIP_ANT	EMA00001
98	C3	CAC/CAP_100NF_0603	CAC00003
99	C4	CAC/JMK316BJ106ML-T	CAC00015
100	C5	CAC/CAP_22PF_0603	CAC00008
101	C6	CAC/CAP_22PF_0603	CAC00008
102	C7	CAC/CAP_100NF_0603	CAC00003
103	C8	CAC/JMK316BJ106ML-T	CAC00015
104	C9	CAC/CAP_100NF_0603	CAC00003
105	C10	CAC/JMK316BJ105ML-T	CAC00017
106	C11	CAC/CAP_100NF_0603	CAC00003
107	C12	CAC/CAP_100NF_0603	CAC00003
108	C13	CAC/CAP_100NF_0603	CAC00003
109	C14	CAC/CAP_100NF_0603	CAC00003
110	C15	CAC/CAP_100NF_0603	CAC00003
111	C16	CAC/CAP_100NF_0603	CAC00003
112	C17	CAC/JMK316BJ106ML-T	CAC00015
113	C18	CAC/JMK316BJ106ML-T	CAC00015
114	C20	CAC/JMK212BJ475ML-T	CAC00014
115	C21	CAC/CAP_22PF_0603	CAC00008
116	C22	CAC/CAP_100NF_0603	CAC00003
117	C23	CAC/CAP_100NF_0603	CAC00003
118	C24	CAC/JMK316BJ106ML-T	CAC00015
119	C25	CAC/JMK316BJ105ML-T	CAC00017
120	C26	CAC/CAP_100PF_0603	CAC00005
121	C27	CAC/CAP_100PF_0603	CAC00005
122	C28	CAC/CAP_100NF_0603	CAC00003
123	C29	CAC/JMK316BJ105ML-T	CAC00017
124	C37	CAC/CAP_100NF_0603	CAC00003
125	C39	CAC/CAP_100NF_0603	CAC00003
126	C40	CAC/JMK316BJ106ML-T	CAC00015
127	C43	CAC/CAP_100NF_0603	CAC00003
128	C44	CAC/CAP_100NF_0603	CAC00003
129	C49	CAC/TAKO_B_10U_6V3	CAC00016
130	C50	CAC/TAKO_B_10U_6V3	CAC00016
131	C51	CAC/CAP_100NF_0603	CAC00003
132	C52	CAC/CAP_330PF_0603	CAC00009
133	C53	CAC/TAKO_B_10U_6V3	CAC00016
134	C54	CAC/TAKO_B_10U_6V3	CAC00016
135	C55	CAC/CAP_100NF_0603	CAC00003
136	C56	CAC/CAP_330PF_0603	CAC00009
137	C57	CAC/CAP_100PF_0402	CAC00004
138	C59	CAC/CAP_100NF_0603	CAC00003
139	C74	CAC/CAP_100PF_0402	CAC00004
140	C75	CAC/CAP_100PF_0402	CAC00004
141	C76	CAC/CAP_100NF_0603	CAC00003
142	C77	CAC/CAP_100PF_0402	CAC00004
143	C80	CAC/CAP_100PF_0402	CAC00004
144	C81	CAC/CAP_100PF_0402	CAC00004
145	C82	CAC/CAP_100PF_0402	CAC00004
146	C83	CAC/CAP_100PF_0402	CAC00004
147	C84	CAC/CAP_100PF_0402	CAC00004

148	C85	CAC/CAP_100PF_0402	CAC00004
149	C86	CAC/CAP_100PF_0402	CAC00004
150	C89	CAC/CAP_100PF_0402	CAC00004
151	C90	CAC/CAP_100PF_0402	CAC00004
152	C91	CAC/CAP_100PF_0402	CAC00004
153	C92	CAC/CAP_100PF_0402	CAC00004
154	C96	CAC/TAKO_B_10U_6V3	CAC00016
155	C97	CAC/TAKO_B_10U_6V3	CAC00016
156	C98	CAC/CAP_100NF_0603	CAC00003
157	C99	CAC/CAP_330PF_0603	CAC00009
158	C101	CAC/CAP_100PF_0402	CAC00004
159	C102	CAC/CAP_100PF_0402	CAC00004
160	C104	CAC/CAP_100PF_0402	CAC00004
161	C105	CAC/CAP_100PF_0402	CAC00004
162	C106	CAC/CAP_100PF_0402	CAC00004
163	C107	CAC/CAP_100NF_0603	CAC00003
164	C113	CAC/CAP_100PF_0402	CAC00004
165	C114	CAC/CAP_100PF_0402	CAC00004
166	C115	CAC/CAP_100PF_0402	CAC00004
167	C116	CAC/JMK316BJ106ML-T	CAC00015
168	C117	CAC/JMK316BJ106ML-T	CAC00015
169	C118	CAC/JMK316BJ106ML-T	CAC00015
170	C119	CAC/CAP_100NF_0603	CAC00003
171	C120	CAC/CAP_100NF_0603	CAC00003
172	C121	CAC/CAP_100NF_0603	CAC00003
173	C122	CAC/CAP_1P5F_0603	CAC00006
174	C123	CAC/CAP_1P5F_0603	CAC00006
175	D1	DIR/10BQ040	DIR00001
176	D3	DIS/BAS28	
177	J1	COM/54104-5096	COM00002
178	J2	COM/VIBRAMOTOR	COM00004
179	J4	COM/54794-0918	COM00001
180	J15	COM/KUSB-SMT-AS1N-B_VER2	COM00005
181	J16	EMW/MN2308	EMW00008
182	J20	COM/KITAGAWA_OG-502620R_VER2	COM00011
183	J21	COM/KITAGAWA_OG-502620R_VER2	COM00011
184	J22	COM/KITAGAWA_OG-502620R_VER2	COM00011
185	J23	COM/KITAGAWA_OG-502620R_VER2	COM00011
186	J24	COM/KITAGAWA_OG-502620R_VER2	COM00011
187	J27	EMS/MS24M	EMS00002
188	L3	INF/IND_0603_6N8	INF00001
189	L4	CPE/742_792_15	CPE00001
190	L5	CPE/742_792_15	CPE00001
191	L6	INF/IND_0603_6N8	INF00001
192	L7	CPE/742_792_15	CPE00001
193	L8	CPE/742_792_15	CPE00001
194	L11	CPE/742_792_15	CPE00001
195	L12	CPE/742_792_15	CPE00001
196	R2	REL/RES_0603_47R	REL00008
197	R3	REL/RES_0603_10K	REL00005
198	R5	REL/RES_0603_10K	REL00005

199	R6	REL/RES_0603_10K	REL00005
200	R7	REL/RES_0603_100R	REL00016
201	R8	REL/RES_0603_100R	REL00016
202	R9	REL/RES_0603_47K	REL00007
203	R10	REL/RES_0603_47K	REL00007
204	R11	REL/RES_0603_1M2	REL00017
205	R12	REL/RES_0603_10K	REL00005
206	R13	REL/RES_0603_10K	REL00005
207	R14	REL/RES_0603_47K	REL00007
208	R15	REL/RES_0603_220R	REL00014
209	R16	REL/RES_0402_0R	REL00010
210	R17	REL/RES_0603_10K	REL00005
211	R18	REL/RES_0603_10K	REL00005
212	R19	REL/RES_0603_10K	REL00005
213	R22	REL/RES_0603_10K	REL00005
214	R23	REL/RES_0603_10K	REL00005
215	R24	REL/RES_0603_10K	REL00005
216	R25	REL/RES_0603_100K	REL00004
217	R26	REL/RES_0603_100K	REL00004
218	R28	REL/RES_0402_0R	REL00010
219	R29	REL/RES_0402_0R	REL00010
220	R35	REL/RES_0603_47K	REL00007
221	R37	REL/RES_0603_100K	REL00004
222	R38	REL/RES_0603_47K	REL00007
223	R40	REL/RES_0603_22R	REL00011
224	R41	REL/RES_0603_22R	REL00011
225	R42	REL/RES_0603_15K	REL00002
226	R43	REL/RES_0603_15K	REL00002
227	R44	REL/RES_0603_10K	REL00005
228	R57	REL/RES_0603_160K	REL00009
229	R58	REL/RES_0603_100K	REL00004
230	R61	REL/RES_0603_10K	REL00005
231	R62	REL/RES_0603_10K	REL00005
232	R68	REL/RES_0603_44K	REL00003
233	R69	REL/RES_0603_100K	REL00004
234	R75	REL/RES_0603_10K	REL00005
235	R76	REL/RES_0603_0R	REL00012
236	R77	REL/RES_0603_10K	REL00005
237	R78	REL/RES_0603_100K	REL00004
238	R79	REL/RES_0603_10K	REL00005
239	R80	REL/RES_0603_100R	REL00016
240	R81	REL/RES_0603_100R	REL00016
241	R82	REL/RES_0402_0R	REL00010
242	R83	REL/RES_0402_0R	REL00010
243	R84	REL/RES_0402_0R	REL00010
244	R85	REL/RES_0402_0R	REL00010
245	R86	REL/RES_0402_0R	REL00010
246	R87	REL/RES_0402_0R	REL00010
247	R95	REL/RES_0402_0R	REL00010
248	R96	REL/RES_0402_0R	REL00010
249	R97	REL/RES_0402_0R	REL00010

250	R98	REL/RES_0402_0R	REL00010
251	R99	REL/RES_0402_0R	REL00010
252	R100	REL/RES_0402_0R	REL00010
253	R101	REL/RES_0402_0R	REL00010
254	R102	REL/RES_0402_0R	REL00010
255	R103	REL/RES_0402_0R	REL00010
256	R104	REL/RES_0402_0R	REL00010
257	R105	REL/RES_0402_0R	REL00010
258	R106	REL/RES_0402_0R	REL00010
259	R107	REL/RES_0402_0R	REL00010
260	R108	REL/RES_0402_0R	REL00010
261	R109	REL/RES_0402_0R	REL00010
262	R110	REL/RES_0402_0R	REL00010
263	R111	REL/RES_0402_0R	REL00010
264	R112	REL/RES_0402_0R	REL00010
265	R113	REL/RES_0402_0R	REL00010
266	R114	REL/RES_0402_0R	REL00010
267	R115	REL/RES_0402_0R	REL00010
268	R116	REL/RES_0402_0R	REL00010
269	T4	EDT/TP0.8MM_SMD	EDT00001
270	T5	EDT/TP0.8MM_SMD	EDT00001
271	T6	EDT/TP0.8MM_SMD	EDT00001
272	T7	EDT/TP0.8MM_SMD	EDT00001
273	T8	EDT/TP0.8MM_SMD	EDT00001
274	T9	EDT/TP0.8MM_SMD	EDT00001
275	T10	EDT/TP0.8MM_SMD	EDT00001
276	T13	EDT/TP0.8MM_SMD	EDT00001
277	T14	EDT/TP0.8MM_SMD	EDT00001
278	T15	EDT/TP0.8MM_SMD	EDT00001
279	T16	EDT/TP0.8MM_SMD	EDT00001
280	T17	EDT/TP0.8MM_SMD	EDT00001
281	T26	EDT/TP0.8MM_SMD	EDT00001
282	T27	EDT/TP0.8MM_SMD	EDT00001
283	T28	EDT/TP0.8MM_SMD	EDT00001
284	T29	EDT/TP0.8MM_SMD	EDT00001
285	T30	EDT/TP0.8MM_SMD	EDT00001
286	T31	EDT/TP0.8MM_SMD	EDT00001
287	T32	EDT/TP0.8MM_SMD	EDT00001
288	T33	EDT/TP0.8MM_SMD	EDT00001
289	T34	EDT/TP0.8MM_SMD	EDT00001
290	T35	EDT/TP0.8MM_SMD	EDT00001
291	T36	EDT/TP0.8MM_SMD	EDT00001
292	T37	EDT/TP0.8MM_SMD	EDT00001
293	T38	EDT/TP0.8MM_SMD	EDT00001
294	T39	EDT/TP0.8MM_SMD	EDT00001
295	T40	EDT/TP0.8MM_SMD	EDT00001
296	T41	EDT/TP0.8MM_SMD	EDT00001
297	U2	ICA/LM2904_SO8	
298	U3	ICA/WM9711L_QNF44	
299	U7	ICP/LP3982IMM-ADJ	ICP0000?
300	U11	ICP/LP3982IMM-ADJ	ICP0000?

301	U12	ICM/NM24C04	ICM00003
302	U14	ICP/MIC5219-3.3YM5	ICP00001
303	U17	ICP/TPS2022D	ICP0000?
304	V34	DIS/TVS/SR05	DIS00001
305	X1	RFC/12SMX_24.576MHZ	RFC0000?
306	X3	COM/53398-0290	COM0000X
307	X7	COC/U.FL-R-SMT	COC00001
308	X8	COC/U.FL-R-SMT	COC00001

Description	PartCode	RohsCompliantPartCode
Ceramic capasitor		
Ceramic capasitor		
Ceramic capasitor COG(NB0) 5% 50V	UMK107 CG220JZ	UMK107 CG220JZ
Ceramic capasitor		
Ceramic capasitor		
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
High Value Multilayer Ceramic Capasitor		
High Value Multilayer Ceramic Capasitor		
Ceramic capasitor		
Ceramic capasitor		
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor COG(NB0) 5% 50V	UMK107 CG150JZ	UMK107 CG150JZ
Ceramic capasitor COG(NB0) 5% 50V	UMK107 CG150JZ	UMK107 CG150JZ
Ceramic capasitor COG(NB0) 5% 50V	UMK107 CG150JZ	UMK107 CG150JZ
Ceramic capasitor X7R 10% 50V	UMK107 B103KZ	UMK107 B103KZ
High Value Multilayer Ceramic Capasitor		
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
High Value Multilayer Ceramic Capasitor		
Ceramic capasitor X7R 10% 50V	UMK107 B103KZ	UMK107 B103KZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
High Value Multilayer Ceramic Capasitor		
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor COG(NB0) 5% 50V	UMK107 CG220JZ	UMK107 CG220JZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV



Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor Place		
Ceramic capasitor Place		
Ceramic capasitor Place		
Ceramic capasitor Place		
Ceramic capasitor Place		
Ceramic capasitor Place		
Trimmer capasitor		
Trimmer capasitor		
Trimmer capasitor		
1.5g-6g 3 axis accelerometer	MMA7260Q	
3-Pin 2,45mm pitch		
1.25mm Wire to board header	53261-0690	
PCB connecting spacer	SMTSO-M3-4ET	
PCB connecting spacer	SMTSO-M3-4ET	
1.25mm Wire to board header	53261-0690	
1.25mm Wire to board header	53261-0690	
USB Connector A-Type	KUSB-SMT-AS1N-B	
PCB connecting spacer	SMTSO-M3-4ET	
Inductor For General Applications, TDK NLV Series	NLV32T-1R0J-PF	
Inductor For General Applications, TDK NLV Series	NLV32T-1R0J-PF	
Resistor 820R 0603 1%	RK73H1JTDD8200F	RK73H1JTDD8200F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
ResistorSMD 0603 place	NA	NA
ResistorSMD 0603 place	NA	NA
Resistor 2K7 0603 1%	RK73H1JTDD2701F	RK73H1JTDD2701F
Resistor 0R 0603 1%	RK73Z1JTDD	RK73Z1JTDD
Resistor 0R 0603 1%	RK73Z1JTDD	RK73Z1JTDD
ResistorSMD 0603 place	NA	NA
ResistorSMD 0603 place	NA	NA
ResistorSMD 0603 place	NA	NA
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
ResistorSMD 0603 place	NA	NA
Multiple protocol contactless reader IC (Philips RFID)	CL RC632 01T/0FE	
8-bit AVR Microcontroller with 32k Flash, 2k SRam, 1k EEprc	ATMEGA32L-8AU	ATMEGA32L-8AU
Power Distribution Switch	TPS2022D	
Dual Bus Buffer Gate With 3-State outputs	74lvc2G125	
Dual Bus Buffer Gate With 3-State outputs	74lvc2G125	
???		
Surface mounted crystal, 12 SMX, Low-profile		
crystal		
crystal		
Chip-Antenna WE-MCA 2.4GHz	7488910245	7488910245



Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Tantalum Capasitor B-CASE		
Tantalum Capasitor B-CASE		
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Cap, 0603 reflow NP0/X7R/Z5U		
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
Ceramic capasitor COH 5% 50V	UMK105 CH101JV	UMK105 CH101JV
High Value Multilayer Ceramic Capasitor		
High Value Multilayer Ceramic Capasitor		
High Value Multilayer Ceramic Capasitor		
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor, Y5V, 25V	TMK107 F104ZZ	TMK107 F104ZZ
Ceramic capasitor NB0		
Ceramic capasitor NB0		
Schottky Rectifier diode	10BQ040	10BQ040PBF
High-Speed Double Diode	BAS28	
0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT	54104-5092	54104-5096
Connector for vibra-motor. PWB place.		
SD-card Connector (lead free)	54794-0978	54794-0978
USB Connector A-Type	KUSB-SMT-AS1N-B	
Mini DYAD reedtube switch.	MN2308	
Spring contact	OG-502620R	
Spring contact	OG-502620R	
Spring contact	OG-502620R	
Spring contact	OG-502620R	
Spring contact	OG-502620R	
(Movement)Vibration Sensor	MS24M	
Multilayer Chip Inductor 0603 HK-Series	HK16086N8J	HK16086N8J
SMD-FERRITES	74279215	
SMD-FERRITES	74279215	
Multilayer Chip Inductor 0603 HK-Series	HK16086N8J	HK16086N8J
SMD-FERRITES	74279215	
SMD-FERRITES	74279215	
SMD-FERRITES	74279215	
SMD-FERRITES	74279215	
Resistor 47R 0603 1%	RK73H1JTDD47R0F	RK73H1JTDD47R0F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F
Resistor 10K 0603 1%	RK73H1JTDD1002F	RK73H1JTDD1002F



Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Resistor in 0402 case	RK73Z1ETTP	RK73Z1ETTP
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Testpoint SMD, pad 0.8mm	NA	
Dual OP amp	LM2904	
Audio Codec	WM9711L	
Ultra LDO Regulator		
Ultra LDO Regulator		

4-Kb_I2C_CMOS_Serial_EEPROM	CAT24C04W	CAT24C04W
LDO Regulator 3V3	MIC5219-3.3YM5	MIC5219-3.3YM5
Power Distribution Switch	TPS2022D	
Low capacitance TVS diode array RailClamp	SR05	
Surface mounted crystal, 12 SMX, Low-profile		
Header, 1x2, 1,25mm pitch, SMD	53398-0290	
Ultra Small Surface Mount Coaxial Connector Recetable	U.FL-R-SMT	U.FL-R-SMT
Ultra Small Surface Mount Coaxial Connector Recetable	U.FL-R-SMT	U.FL-R-SMT

Value	Tolerance	Voltage Ra	Manufacturer	ItemLifecycleStatus	Decal
68p				Approved	603
68p				Approved	603
22p	5%	50V	Taiyo Yuden	Approved	603
68p				Approved	603
68p				Approved	603
100n		25V	Taiyo yuden	Approved	603
1u / 6,3V	20%		Taiyo Yuden	Approved	1206
1u / 6,3V	20%		Taiyo Yuden	Approved	1206
220p				Approved	603
220p				Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
15p		50V	Taiyo Yuden	Approved	603
15p		50V	Taiyo Yuden	Approved	603
15p		50V	Taiyo Yuden	Approved	603
10n	10%	50V	Taiyo Yuden	Approved	603
10u / 6,3V	20%		Taiyo Yuden	Approved	1206
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
10u / 6,3V	20%		Taiyo Yuden	Approved	1206
10n	10%	50V	Taiyo Yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100n		25V	Taiyo yuden	Approved	603
10u / 6,3V	20%		Taiyo Yuden	Approved	1206
100p	5%	50V	Taiyo Yuden	Approved	402
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
22p	5%	50V	Taiyo Yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402







100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
10u / 6,3V				Not_For_New_design	SMD_TAKC
10u / 6,3V				Not_For_New_design	SMD_TAKC
100n		25V	Taiyo yuden	Approved	603
330p				Approved	603
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100n		25V	Taiyo yuden	Approved	603
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
100p	5%	50V	Taiyo Yuden	Approved	402
10u / 6,3V	20%		Taiyo Yuden	Approved	1206
10u / 6,3V	20%		Taiyo Yuden	Approved	1206
10u / 6,3V	20%		Taiyo Yuden	Approved	1206
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
100n		25V	Taiyo yuden	Approved	603
1p5				Approved	603
1p5				Approved	603
1.0A/40V			IRF	Approved	SMB
BAS28			Philips	Approved	SOT143RS
54104			MOLEX	Approved	CON/54104
NA				Approved	CON/VIBR.
54794			Molex	Not_for_new_design	MOLEX_SI
				Approved	KUSB-SMT
MN2308			SRC Devices	Approved	MISC/REEI
OG-502620R			KE Kitagawa GmbH	Approved	MISC/KITA
OG-502620R			KE Kitagawa GmbH	Approved	MISC/KITA
OG-502620R			KE Kitagawa GmbH	Approved	MISC/KITA
OG-502620R			KE Kitagawa GmbH	Approved	MISC/KITA
OG-502620R			KE Kitagawa GmbH	Approved	MISC/KITA
MS24M			Assemtech	Not_for_new_designs	SW_MS24M
6N8	5%		Taiyo Yuden	Approved	603
160ohm/55	20%		Würth Elektronik	Approved	1206
160ohm/55	20%		Würth Elektronik	Approved	1206
6N8	5%		Taiyo Yuden	Approved	603
160ohm/55	20%		Würth Elektronik	Approved	1206
160ohm/55	20%		Würth Elektronik	Approved	1206
160ohm/55	20%		Würth Elektronik	Approved	1206
160ohm/55	20%		Würth Elektronik	Approved	1206
47R	1%		KOA	Approved	603
10K	1%		KOA	Approved	603
10K	1%		KOA	Approved	603





24C04	Catalyst	Approved	SO8/R
MIC5219	Micrel	Approved	SOT23-5
	Texas Instruments	Approved	SO-8
SR05	Semtech	Approved	SOT143
24.575MHz	C-MAC	Approved	CRY/12SM
	Molex	Approved	CON/5339E
U.FL	Hirose	Approved	HIROSE_U
U.FL	Hirose	Approved	HIROSE_U

Note	Xloc	Yloc	Rotation	Layer	SMT
Any other manufacturer	-38.6	-28.81	90	4	
Any other manufacturer	-36.93	-28.81	90	4	
Any other manufacturer	-42.69	-54.57	90	1	
Any other manufacturer	-23.72	-28.65	270	4	
Any other manufacturer	-25.21	-28.65	270	4	
Any other manufacturer	-34.6	-48.76	90	4	
TBD Code	-49.66	-33.84	180	1	
TBD Code	-51.66	-33.94	180	1	
Any other manufacturer	-54.09	-30.75	180	1	
Any other manufacturer	-47.19	-31.08	0	1	
Any other manufacturer	-29.72	-49.29	0	4	
Any other manufacturer	-9.05	-67.88	90	1	
Any other manufacturer	-9.25	-62.51	270	1	
Any other manufacturer	-33.1	-51.7	270	4	
Any other manufacturer	-40.25	-30.84	180	4	
Any other manufacturer	-41.01	-48.15	180	4	
Any other manufacturer	-29.68	-46.19	180	4	
Any other manufacturer	-29.21	-51.75	270	4	
Any other manufacturer	-31.65	-31.88	270	4	
Any other manufacturer	-25.69	-47.2	0	4	
Any other manufacturer	-24.95	-48.93	270	4	
Any other manufacturer	-30.31	-31.83	270	4	
Any other manufacturer	-21.97	-55.6	270	1	
Any other manufacturer	-43.76	-96.32	0	1	
Any other manufacturer	-43.76	-94.49	0	1	
Any other manufacturer	-43.79	-92.66	0	1	
Any other manufacturer	-40.44	-70.43	90	1	
Any other manufacturer	-32.81	-61.94	0	1	
Any other manufacturer	-25.02	-69.86	270	1	
Any other manufacturer	-29.39	-96.95	270	1	
Any other manufacturer	-34.95	-77.6	180	1	
Any other manufacturer	-32.14	-77.61	0	1	
Any other manufacturer	-67.00024	-68.27956	180	1	
Any other manufacturer	-66.95316	-69.28004	180	1	
Any other manufacturer	-29.71	-47.77	180	4	
Any other manufacturer	-9.87	-57.41	0	1	
Any other manufacturer	-59.23	-78.51	180	1	
Any other manufacturer	-5.93	-49.83	270	1	
Any other manufacturer	-14.21	-49.48	90	1	
Any other manufacturer	-34.57	-59.4	270	1	
Any other manufacturer	-24.88	-32.12	0	4	
Any other manufacturer	-59.21	-77.72	180	1	
Any other manufacturer	-59.31	-79.34	180	1	
Any other manufacturer	-59.29	-80.18	180	1	
Any other manufacturer	-59.99	-80.96	180	1	

Any other manufacturer	-60.53	-81.82	180	1
Component place of future use	-35.08	-22.84	180	4
Component place of future use	-35.08	-21.3	180	4
Component place of future use	-34.32	-25.13	270	4
Component place of future use	-26.95	-23.86	180	4
Component place of future use	-26.95	-22.57	180	4
Component place of future use	-27.69	-25.83	270	4
	-33.84	-12.12	0	4
	-18.89	-12.12	0	4
	-28.64	-14.64	180	4
	-34.01	-94.99	0	1
5	-25.1	-19.53	90	1
3261_0690	-42.67	-14.74	180	4
_SMTSO	-47.5	-19.8	0	4
_SMTSO	-48.26	-62.01	0	4
3261_0690	-4.19	-53.27	90	1
3261_0690	-4.15	-35.53	90	1
-AS1N-B_VER2	-0.34	-20.57	90	4
_SMTSO	-18.78	-19.8	0	4
_SERIES	-34.33	-29.66	180	4
_SERIES	-27.7	-29.48	180	4
Any other manufacturer	-33.78	-46.63	0	4
Any other manufacturer	-38.94789	-49.82395	0	4
Resistor place of pwb in design	-5.52	-65.12	90	1
Resistor place of pwb in design	-7.84	-62.76	90	1
Any other manufacturer	-33.07	-48.77	270	4
Any other manufacturer	-49.28	-30.32	270	1
Any other manufacturer	-51.38	-30.32	270	1
Resistor place of pwb in design	-54.09	-32.79	0	1
Resistor place of pwb in design	-47.2	-32.54	180	1
Resistor place of pwb in design	-53.05	-98.47	180	4
Any other manufacturer	-39.69	-92.66	0	1
Any other manufacturer	-39.66	-94.49	0	1
Any other manufacturer	-39.66	-96.29	0	1
Any other manufacturer	-24.6512	-63.48208	270	1
Any other manufacturer	-13.37	-53.81	180	1
Any other manufacturer	-20.19	-59.96	270	1
Any other manufacturer	-7.77	-57.21	90	1
Any other manufacturer	-8.84	-54.02	180	1
Any other manufacturer	-23.8972	-65.79274	180	1
Resistor place of pwb in design	-29.17852	-78.30367	0	1
	-37.06	-34.69	270	4
	-32.88	-69.81	270	1
	-16.1	-57	270	1
	-10.12	-51.57	270	1
	-10.07	-47.38	90	1
3/4H-SMX	-41.67	-39.12	270	4
X_75X51	-37.17	-60.08	90	1
3/4H-SMX	-57	-57.64	180	4
3/4H-SMXA	-38.24	-57.63	0	4
ERAMIC_ANT_10245	-54.13	11.45	315	4

ERAMIC_ANT_10245	-14.19	11.45	45	4
Any other manufacturer	-59.37	-38.64	270	1
Any other manufacturer	-57.5	-37.96	180	1
Any other manufacturer	-57.86	-58.51	90	1
Any other manufacturer	-65.27	-54.26	90	1
Any other manufacturer	-51.26	-40.68	180	1
Any other manufacturer	-50.52	-38.54	90	1
Any other manufacturer	-53.48	-38.32	270	1
TBD Code	-55.12	-38.09	180	1
Any other manufacturer	-48.47	-48.24	270	1
Any other manufacturer	-49.46698	-52.93808	180	1
Any other manufacturer	-60.48193	-49.63589	270	1
Any other manufacturer	-47.79622	-42.1222	0	1
Any other manufacturer	-60.54	-43.23	180	1
Any other manufacturer	-60.55824	-46.0874	180	1
Any other manufacturer	-62.78	-40.96	90	1
Any other manufacturer	-63.73	-49.69	270	1
Any other manufacturer	-11.34	-94.09	180	1
Any other manufacturer	-60.82	-32.68	0	1
Any other manufacturer	-52.52	-75.63	90	4
Any other manufacturer	-54.15	-75.65	90	4
Any other manufacturer	-63.46	-31.46	180	1
TBD Code	-53.9	-17.6	180	1
Any other manufacturer	-54.78	-54.89	0	1
Any other manufacturer	-56.42	-17.22	180	1
Any other manufacturer	-45.03	-49.09	270	1
TBD Code	-58.02837	-23.5841	180	1
Any other manufacturer	-53.11	-90.91	180	4
Any other manufacturer	-61.55	-23.1	0	1
Any other manufacturer	-8.3	-73.98	180	1
Any other manufacturer	-7.26011	-73.89059	180	4
Any other manufacturer	-17.1768	-77.98205	0	1
∩_B	-30.02	-87.22	180	1
∩_B	-43.3	-87.27	180	1
Any other manufacturer	-39.94	-86.23	90	1
Any other manufacturer	-35.67	-88.92	0	1
∩_B	-41.37053	-37.14294	0	1
∩_B	-40.22737	-43.05336	90	1
Any other manufacturer	-40.36021	-45.68638	0	1
Any other manufacturer	-33.63592	-41.88587	180	1
Any other manufacturer	-66.50161	-88.98605	0	1
Any other manufacturer	-60.8	-28.6	0	1
Any other manufacturer	-66.4663	-87.07926	180	1
Any other manufacturer	-66.72567	-65.57949	180	1
Any other manufacturer	-18.09254	-76.43384	90	4
Any other manufacturer	-66.67567	-66.52949	180	1
Any other manufacturer	-66.37253	-71.57407	180	1
Any other manufacturer	-66.39607	-72.58631	180	1
Any other manufacturer	-56.81	-73.01	180	4
Any other manufacturer	-56.81	-73.79	180	4
Any other manufacturer	-56.81	-74.54	180	4



Any other manufacturer	-56.83	-75.37	180	4
Any other manufacturer	-56.85	-76.18	180	4
Any other manufacturer	-56.86	-76.95	180	4
Any other manufacturer	-53.00578	-88.55491	0	1
Any other manufacturer	-53.03102	-89.67799	0	1
Any other manufacturer	-66.43099	-86.19649	180	1
∩_B	-11.98	-92.09	0	4
∩_B	-15.86304	-98.5903	270	1
Any other manufacturer	-17.90896	-94.55243	270	1
Any other manufacturer	-15.61	-89.38	0	1
Any other manufacturer	-57.5	-91.41	180	1
Any other manufacturer	-60.44	-91.41	0	1
Any other manufacturer	-66.40745	-84.11315	0	1
Any other manufacturer	-66.48984	-88.04442	180	1
Any other manufacturer	-66.3839	-85.2431	180	1
Any other manufacturer	-65.72	-99.13	270	1
Any other manufacturer	-65.80502	-82.20186	0	1
Any other manufacturer	-66.3843	-74.63434	0	1
Any other manufacturer	-66.37253	-73.56325	0	1
Any other manufacturer	-53.61	-61.5	180	1
Any other manufacturer	-50.22	-67.37	90	1
Any other manufacturer	-50.32	-70.35	90	1
Any other manufacturer	-47.81	-56.76	180	1
Any other manufacturer	-41.29	-40.78	0	1
Any other manufacturer	-32.91	-86.23	90	1
Any other manufacturer	-46.99	4.41	45	4
Any other manufacturer	-21.22	4.39	135	4
	-7.71	-92.07	90	4
;	-17.43933	-73.23125	270	4
4-5092_RTL_P050	-64.1	-76.62	90	4
No SMD assembly. Contact pad for vibra motor.	-1.24	-100.15	0	4
Opsolete Date 2006-04(New Code 500998-0900)	-23.79	-73.21	180	4
^-AS1N-B_VER2	-9.2	-70.85285	180	4
Circuit is open if field is not applied.	-59.71	-93.91	180	4
GAVA_OG-502620R_VER2	-56.31	-19.6	0	4
GAVA_OG-502620R_VER2	-56.31	-23.1	0	4
GAVA_OG-502620R_VER2	-56.31	-26.6	0	4
GAVA_OG-502620R_VER2	-56.31	-30.1	0	4
GAVA_OG-502620R_VER2	-56.31	-33.61	0	4
M	-1.64	-74.08	0	4
	-49.39	5.19	315	4
	-56.2	-64.58	90	1
	-56.2	-67.36	90	1
	-18.93	5.11	225	4
	-46.44	-83.28	180	1
	-36.67626	-46.89634	0	1
	-20.75	-93.88	180	1
	-56.05	-70.36	90	1
Any other manufacturer	-54.02	-52.86	90	1
Any other manufacturer	-51.53	-97.29	0	4
Any other manufacturer	-51.07	-57.37	0	1

Any other manufacturer	-64.18	-26.26	270	1
Any other manufacturer	-54.24	-21.53	270	1
Any other manufacturer	-56.4	-18.96	0	1
Any other manufacturer	-46.45	-49.03	90	1
Any other manufacturer	-43.65	-49.03	270	1
Any other manufacturer	-17.75	-71.08	180	4
Any other manufacturer	-9.473475	-74.7662	90	4
Any other manufacturer	-7.381723	-75.56885	0	4
Any other manufacturer	-56.42	-20.44	180	1
Any other manufacturer	-58.42711	-19.69647	270	1
Any other manufacturer	-63.83552	-82.20186	0	1
Any other manufacturer	-38.07239	-80.6879	270	1
Any other manufacturer	-25.56	-81.32	90	1
Any other manufacturer	-8.733591	-79.21246	0	1
Any other manufacturer	-23.75	-81.27	90	1
Any other manufacturer	-43.0803	-80.6879	90	1
Any other manufacturer	-40.54862	-80.6879	90	1
Any other manufacturer	-51.08313	-54.82156	180	1
Any other manufacturer	-14.98	-70.86	180	4
Any other manufacturer	-63.78866	-73.57648	0	1
Any other manufacturer	-63.84751	-74.63581	0	1
Any other manufacturer	-60.82	-31.27	180	1
Any other manufacturer	-18.44	-91.06	270	1
Any other manufacturer	-59.75697	-47.5564	180	1
Any other manufacturer	-8.5	-65.88	0	1
Any other manufacturer	-8.53	-64.63	0	1
Any other manufacturer	-10.4	-68.03	90	1
Any other manufacturer	-10.61	-62.53	270	1
Any other manufacturer	-16.74	-71.73	90	1
Any other manufacturer	-31.00907	-38.50501	90	1
Any other manufacturer	-31.08204	-41.35077	90	1
Any other manufacturer	-18.8	-87.01	90	4
Any other manufacturer	-44.09438	-68.33286	180	1
Any other manufacturer	-12.83	-92.03	270	1
Any other manufacturer	-12.05	-89.77	180	1
Any other manufacturer	-57.50622	-95.16552	0	1
Any other manufacturer	-59.18	-17.22	180	1
Any other manufacturer	-57.50622	-92.8556	0	1
Any other manufacturer	-49.30901	-51.43129	0	1
Any other manufacturer	-63.30873	-93.28062	0	1
Any other manufacturer	-51.06	-56.12	0	1
Any other manufacturer	-60.8	-29.96	180	1
Any other manufacturer	-59.2	-76.92	0	4
Any other manufacturer	-59.16	-76.17	0	4
Any other manufacturer	-59.15	-75.38	0	4
Any other manufacturer	-59.18	-74.55	0	4
Any other manufacturer	-59.15	-73.74	0	4
Any other manufacturer	-59.16	-72.9	0	4
Any other manufacturer	-63.78866	-72.58778	0	1
Any other manufacturer	-63.80043	-71.61084	0	1
Any other manufacturer	-63.82769	-69.34409	0	1

Any other manufacturer	-63.87477	-68.3083	0	1
Any other manufacturer	-63.82769	-66.53099	0	1
Any other manufacturer	-63.85123	-65.63645	0	1
Any other manufacturer	-59.2	-77.72	0	4
Any other manufacturer	-59.23	-78.52	0	4
Any other manufacturer	-59.27	-79.34	0	4
Any other manufacturer	-59.27	-80.16	0	4
Any other manufacturer	-59.297	-81.04689	0	4
Any other manufacturer	-59.66588	-82.16438	0	4
Any other manufacturer	-55.66665	-88.5538	180	1
Any other manufacturer	-58.25	-89.69	90	1
Any other manufacturer	-59.69	-89.77	90	1
Any other manufacturer	-55.70361	-89.68104	180	1
Any other manufacturer	-63.73975	-84.11589	0	1
Any other manufacturer	-63.71621	-85.24584	0	1
Any other manufacturer	-63.71621	-86.19923	0	1
Any other manufacturer	-63.69267	-87.082	0	1
Any other manufacturer	-63.72798	-88.04717	0	1
Any other manufacturer	-63.82214	-88.98879	0	1
No Assembly	-12.16	-41.44	0	1
No Assembly	-9.26	-41.44	0	1
No Assembly	-9.31	-39.07	0	1
No Assembly	-12.16	-38.9	0	1
No Assembly	-9.26	-36.36	0	1
No Assembly	-12.21	-36.33	0	1
No Assembly	-58.8	-41.42	0	1
No Assembly	-43.82328	-36.87958	90	1
No Assembly	-26.71	-85.48	0	1
No Assembly	-56.09	-62.25	0	1
No Assembly	-53.17767	-68.63544	90	1
No Assembly	-54.55027	-72.71828	0	1
No Assembly	-6.48	-59.48	0	1
No Assembly	-22.09	-59.26	0	1
No Assembly	-8.476328	-82.10923	0	1
No Assembly	-6.57	-74.09	0	1
No Assembly	-19.79	-67.64	0	1
No Assembly	-19.74	-64.21	0	1
No Assembly	-39.93	-90.65	0	1
No Assembly	-41.72	-94.49	0	1
No Assembly	-40.42199	-98.38091	0	1
No Assembly	-51.05	-97.51	0	1
No Assembly	-11.18656	-98.87658	0	1
No Assembly	-20.84	-89.9	0	1
No Assembly	-59.89	-15.16	90	1
No Assembly	-58.41	-30.1	0	1
No Assembly	-60.89	-20.9	0	1
No Assembly	-59.5	-35.19	0	1
	-12.74237	-74.8454	180	4
X7MM	-53.76	-46.23	90	1
	-38.03833	-38.65095	270	1
	-16.17	-95.69	0	1

	-63.82	-100.53	0	1
	-36.23	-86.43	90	1
	-12.72	-74.83	0	1
Semtech WWW page don't work	-61.0034	-26.0554	0	1
X_75X51	-62.82	-53.1	270	1
3-0290	-54.1	-70.63	180	4
I.FL_CON	-41.82	-0.76	135	4
I.FL_CON	-26.38	-0.78	225	4