

Board Station BOM file
date : Tuesday October 6, 2009; 15:40:58

ITEM_NUMBER	COMPANY PART NO. REFERENCE	GEOMETRY	COUNT	DESCRIPTION
1	CAP_SMD_0805 C8 C9 C13 C14 C16 C17 C20 C21 C22 C23 C24 C28 C29 C30 C36 C37 C38 C39 C40 C43 C45 C46 C47 C48 C49 C51 C52 C54 C55 C59 C61 C62 C63 C66 C78 C79 C80 C81 C86 C89 C90 C104 C105 C106 C107 C112 C119 C120 C121 C122 C123 C124 C125 C126 C127 C128 C129 C130 C131 C132 C133 C134 C135 C136 C137 C141 C142 C143 C144 C148 C149 C153 C154 C155 C156 C157 C158 C159 C160 C161 C162 C163 C164 C165 C166 C167 C168 C169 C170 C171 C172 C173 C174 C175 C176 C177 C178 C179 C180 C181 C182 C183 C184 C187 C189 C191 C194 C196 C200 C202 C204 C205 C208	R_SMD_0805	117	CAP_SMD_0805, 2u2F

	C218 C219 C223				
	C224				
2	CAP_SMD_1206 C2 C4 C5 C6 C7 C10	R_SMD_1206	18	CAP_SMD_1206, 47uF	
	C11 C12 C15 C18				
	C19 C25 C27 C31				
	C42 C44 C56 C57				
3	CAP_SMD_1210 F3 F4	CAP_SMD_1210	2	CAP_SMD_1210, 150mA	
4	CONN_AMP_4PIN J1	CONN_AMP_4PIN	1	CONN_AMP_4PIN, CONN_AMP_	
5	CONN_AVX_HF_40_6210 J7	CONN_AVX_HF_40_6210	1	CONN_AVX_HF_40_6210, 621	
6	CONN_ERNI_HM_50_SMD J100	CONN_ERNI_HM_50_SMD	1	CONN_ERNI_HM_50_SMD	
7	DIODO_MMELF D1 D2 D3 D4 D5 D6	ZENER_MMELF	6	DIODO_MMELF, 1N4148	
8	LEMO_GND_V HV_IN TEST IN	LEMO_V	4	LEMO_GND_V, X	
	THRESHOLD TRIGGER				
9	LMH6642_SOT23_5 IC11	SOT23_5	1	LMH6642_SOT23_5, LMH6642	
10	LMV7219_SOT23_5 IC1 IC2 IC9 IC10	SOT23_5	9	LMV7219_SOT23_5, LMV7219	
	IC13 IC14 IC15				
	IC24 IC25				
11	PAD_TH032D020RD PD29 PD30 PD31	PAD_TH032D020RD	24	PAD_TH032D020RD	
	PD32 PD33 PD34				
	PD35 PD36 PD37				
	PD38 PD39 PD40				
	PD41 PD42 PD43				
	PD44 PD46 PD47				
	PD48 PD49 PD50				
	PD51 PD52 PD53				
12	PAD_TH150D130RD PD5 PD7 PD54 PD91	PAD_TH150D130RD	4	PAD_TH150D130RD	
13	PI_FILTER L1 L2 L3 L4 L5 L6	PI_FILTER	8	PI_FILTER	
	L7 L8				
14	PI_FILTER_1806 L9 L10	PI_FILTER_1806	2	PI_FILTER_1806	
15	PONTICELLO PN2 PN3 PN4 PN5	PONTICELLO	4	PONTICELLO	
16	R_SMD_0603 C1 C3 C26 C32 C33	R_SMD_0603	47	R_SMD_0603, 100nF	
	C34 C35 C41 C50				
	C53 C58 C60 C69				
	C71 C75 C76 C77				
	C85 C87 C88 C96				
	C98 C100 C102 C103				
	C111 C113 C116				
	C117 C118 C140				
	C145 C150 C151				

C186 C190 C193

C195 C199 C201

C207 C216 C217

C220 C221 C222

C225

17

R_SMD_0805

R_SMD_0805

142

R_SMD_0805, X

R1 R2 R3 R4 R5 R6

R7 R8 R9 R10 R11

R12 R13 R14 R15

R16 R17 R18 R19

R20 R21 R22 R23

R24 R25 R26 R27

R28 R29 R30 R32

R33 R34 R35 R36

R37 R39 R40 R41

R42 R43 R45 R46

R47 R48 R49 R50

R51 R52 R53 R54

R55 R56 R57 R58

R59 R60 R61 R62

R63 R64 R65 R67

R68 R69 R70 R71

R72 R73 R74 R75

R76 R77 R78 R79

R80 R81 R82 R83

R84 R85 R86 R87

R88 R89 R90 R91

R92 R93 R94 R95

R96 R97 R98 R99

R100 R101 R105

R107 R111 R112

R113 R114 R115

R116 R117 R118

R119 R120 R121

R122 R123 R126

R127 R128 R129

R132 R133 R134

R135 R137 R138

R139 R140 R141

R142 R143 R144

R146 R151 R152

R153 R154 R155

R156 R157 R158

R159 R160 R164

R167 R168

IDBVT	18	U5	TC1047_SOT23	SOT23	1	TC1047_SOT23, RS6283576
	19	IC4	THS4520_PQFP16	PQFP16	1	THS4520_PQFP16, THS4520
	20	IC3	TLV2401_SOT23_5	SOT23_5	1	TLV2401_SOT23_5, TLV2401
	21	TM1	TM_VM1	TM_VM1	1	TM_VM1, 10K
	22	U3 U6	TPS72301_SOT23-5	SOT23_5	2	TPS72301_SOT23-5
	23	U1 U4	TPS79301_SOT23-6	SOT23_6	2	TPS79301_SOT23-6
	24	U2	VA_TA	VaTa_bond	1	TA_VA

REFERENCE	COMPANY PART NO.	DESCRIPTION
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C1	R_SMD_0603	R_SMD_0603, 100nF
C2	CAP_SMD_1206	CAP_SMD_1206, 47uF
C3	R_SMD_0603	R_SMD_0603, 100nF
C4	CAP_SMD_1206	CAP_SMD_1206, 47uF
C5	CAP_SMD_1206	CAP_SMD_1206, 47uF
C6	CAP_SMD_1206	CAP_SMD_1206, 47uF
C7	CAP_SMD_1206	CAP_SMD_1206, 47uF
C8	CAP_SMD_0805	CAP_SMD_0805, 10nF
C9	CAP_SMD_0805	CAP_SMD_0805, 10nF
C10	CAP_SMD_1206	CAP_SMD_1206, 47uF
C11	CAP_SMD_1206	CAP_SMD_1206, 47uF
C12	CAP_SMD_1206	CAP_SMD_1206, 47uF
C13	CAP_SMD_0805	CAP_SMD_0805, 1pF
C14	CAP_SMD_0805	CAP_SMD_0805, 10pF
C15	CAP_SMD_1206	CAP_SMD_1206, 47uF
C16	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C17	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C18	CAP_SMD_1206	CAP_SMD_1206, 47uF
C19	CAP_SMD_1206	CAP_SMD_1206, 47uF
C20	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C21	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C22	CAP_SMD_0805	CAP_SMD_0805, 47pF
C23	CAP_SMD_0805	CAP_SMD_0805, 0pF
C24	CAP_SMD_0805	CAP_SMD_0805, 0pF
C25	CAP_SMD_1206	CAP_SMD_1206, 47uF
C26	R_SMD_0603	R_SMD_0603, 100nF
C27	CAP_SMD_1206	CAP_SMD_1206, 47uF
C28	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C29	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C30	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C31	CAP_SMD_1206	CAP_SMD_1206, 47uF
C32	R_SMD_0603	R_SMD_0603, 100nF
C33	R_SMD_0603	R_SMD_0603, 100nF
C34	R_SMD_0603	R_SMD_0603, 100nF
C35	R_SMD_0603	R_SMD_0603, 100nF
C36	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C37	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C38	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C39	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C40	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C41	R_SMD_0603	R_SMD_0603, 100nF
C42	CAP_SMD_1206	CAP_SMD_1206, 47uF
C43	CAP_SMD_0805	CAP_SMD_0805, 10nF
C44	CAP_SMD_1206	CAP_SMD_1206, 47uF
C45	CAP_SMD_0805	CAP_SMD_0805, 1uF
C46	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C47	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C48	CAP_SMD_0805	CAP_SMD_0805, 2u2F

C49	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C50	R_SMD_0603	R_SMD_0603, 100nF
C51	CAP_SMD_0805	CAP_SMD_0805, 1nF
C52	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C53	R_SMD_0603	R_SMD_0603, 100nF
C54	CAP_SMD_0805	CAP_SMD_0805, 1nF
C55	CAP_SMD_0805	CAP_SMD_0805, 10nF
C56	CAP_SMD_1206	CAP_SMD_1206, 47uF
C57	CAP_SMD_1206	CAP_SMD_1206, 47uF
C58	R_SMD_0603	R_SMD_0603, 100nF
C59	CAP_SMD_0805	CAP_SMD_0805, 22pF
C60	R_SMD_0603	R_SMD_0603, 100nF
C61	CAP_SMD_0805	CAP_SMD_0805, 10pF
C62	CAP_SMD_0805	CAP_SMD_0805, 22pF
C63	CAP_SMD_0805	CAP_SMD_0805, 10pF
C66	CAP_SMD_0805	CAP_SMD_0805, 1uF
C69	R_SMD_0603	R_SMD_0603, 100nF
C71	R_SMD_0603	R_SMD_0603, 100nF
C75	R_SMD_0603	R_SMD_0603, 100nF
C76	R_SMD_0603	R_SMD_0603, 100nF
C77	R_SMD_0603	R_SMD_0603, 100nF
C78	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C79	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C80	CAP_SMD_0805	CAP_SMD_0805, 1nF
C81	CAP_SMD_0805	CAP_SMD_0805, 1nF
C85	R_SMD_0603	R_SMD_0603, 100nF
C86	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C87	R_SMD_0603	R_SMD_0603, 100nF
C88	R_SMD_0603	R_SMD_0603, 100nF
C89	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C90	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C96	R_SMD_0603	R_SMD_0603, 100nF
C98	R_SMD_0603	R_SMD_0603, 100nF
C100	R_SMD_0603	R_SMD_0603, 100nF
C102	R_SMD_0603	R_SMD_0603, 100nF
C103	R_SMD_0603	R_SMD_0603, 100nF
C104	CAP_SMD_0805	CAP_SMD_0805, 1nF
C105	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C106	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C107	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C111	R_SMD_0603	R_SMD_0603, 100nF
C112	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C113	R_SMD_0603	R_SMD_0603, 100nF
C116	R_SMD_0603	R_SMD_0603, 100nF
C117	R_SMD_0603	R_SMD_0603, 100nF
C118	R_SMD_0603	R_SMD_0603, 100nF
C119	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C120	CAP_SMD_0805	CAP_SMD_0805, 1nF
C121	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C122	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C123	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C124	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C125	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C126	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C127	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C128	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C129	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C130	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C131	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C132	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C133	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C134	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C135	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C136	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C137	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C140	R_SMD_0603	R_SMD_0603, 100nF
C141	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C142	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C143	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C144	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C145	R_SMD_0603	R_SMD_0603, 100nF
C148	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C149	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C150	R_SMD_0603	R_SMD_0603, 100nF
C151	R_SMD_0603	R_SMD_0603, 100nF
C153	CAP_SMD_0805	CAP_SMD_0805, 1pF
C154	CAP_SMD_0805	CAP_SMD_0805, 1pF

C155	CAP_SMD_0805	CAP_SMD_0805, 1pF
C156	CAP_SMD_0805	CAP_SMD_0805, 1pF
C157	CAP_SMD_0805	CAP_SMD_0805, 1pF
C158	CAP_SMD_0805	CAP_SMD_0805, 1pF
C159	CAP_SMD_0805	CAP_SMD_0805, 1pF
C160	CAP_SMD_0805	CAP_SMD_0805, 1pF
C161	CAP_SMD_0805	CAP_SMD_0805, 1pF
C162	CAP_SMD_0805	CAP_SMD_0805, 1pF
C163	CAP_SMD_0805	CAP_SMD_0805, 1pF
C164	CAP_SMD_0805	CAP_SMD_0805, 1pF
C165	CAP_SMD_0805	CAP_SMD_0805, 1pF
C166	CAP_SMD_0805	CAP_SMD_0805, 1pF
C167	CAP_SMD_0805	CAP_SMD_0805, 1pF
C168	CAP_SMD_0805	CAP_SMD_0805, 1pF
C169	CAP_SMD_0805	CAP_SMD_0805, 1pF
C170	CAP_SMD_0805	CAP_SMD_0805, 1pF
C171	CAP_SMD_0805	CAP_SMD_0805, 1pF
C172	CAP_SMD_0805	CAP_SMD_0805, 1pF
C173	CAP_SMD_0805	CAP_SMD_0805, 1pF
C174	CAP_SMD_0805	CAP_SMD_0805, 1pF
C175	CAP_SMD_0805	CAP_SMD_0805, 1pF
C176	CAP_SMD_0805	CAP_SMD_0805, 1pF
C177	CAP_SMD_0805	CAP_SMD_0805, 1pF
C178	CAP_SMD_0805	CAP_SMD_0805, 1pF
C179	CAP_SMD_0805	CAP_SMD_0805, 1pF
C180	CAP_SMD_0805	CAP_SMD_0805, 1pF
C181	CAP_SMD_0805	CAP_SMD_0805, 1pF
C182	CAP_SMD_0805	CAP_SMD_0805, 1pF
C183	CAP_SMD_0805	CAP_SMD_0805, 1pF
C184	CAP_SMD_0805	CAP_SMD_0805, 1pF
C186	R_SMD_0603	R_SMD_0603, 100nF
C187	CAP_SMD_0805	CAP_SMD_0805, 10nF
C189	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C190	R_SMD_0603	R_SMD_0603, 100nF
C191	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C193	R_SMD_0603	R_SMD_0603, 100nF
C194	CAP_SMD_0805	CAP_SMD_0805, 1nF
C195	R_SMD_0603	R_SMD_0603, 100nF
C196	CAP_SMD_0805	CAP_SMD_0805, 1nF
C199	R_SMD_0603	R_SMD_0603, 100nF
C200	CAP_SMD_0805	CAP_SMD_0805, 1nF
C201	R_SMD_0603	R_SMD_0603, 100nF
C202	CAP_SMD_0805	CAP_SMD_0805, 1nF
C204	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C205	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C207	R_SMD_0603	R_SMD_0603, 100nF
C208	CAP_SMD_0805	CAP_SMD_0805, 2n2 200V
C216	R_SMD_0603	R_SMD_0603, 100nF
C217	R_SMD_0603	R_SMD_0603, 100nF
C218	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C219	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C220	R_SMD_0603	R_SMD_0603, 100nF
C221	R_SMD_0603	R_SMD_0603, 100nF
C222	R_SMD_0603	R_SMD_0603, 100nF
C223	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C224	CAP_SMD_0805	CAP_SMD_0805, 2u2F
C225	R_SMD_0603	R_SMD_0603, 100nF
D1	DIODO_MMELF	DIODO_MMELF, 1N4148
D2	DIODO_MMELF	DIODO_MMELF, 1N4148
D3	DIODO_MMELF	DIODO_MMELF, LL4448
D4	DIODO_MMELF	DIODO_MMELF, LL4148
D5	DIODO_MMELF	DIODO_MMELF, 1N4148
D6	DIODO_MMELF	DIODO_MMELF, 1N4148
F3	CAP_SMD_1210	CAP_SMD_1210, 150mA
F4	CAP_SMD_1210	CAP_SMD_1210, 150mA
HV_IN	LEMO_GND_V	LEMO_GND_V
IC1	LMV7219_SOT23_5	LMV7219_SOT23_5, LMV7219
IC2	LMV7219_SOT23_5	LMV7219_SOT23_5, LMV7219
IC3	TLV2401_SOT23_5	TLV2401_SOT23_5, TLV2401IDBVT
IC4	THS4520_PQFP16	THS4520_PQFP16, THS4520
IC9	LMV7219_SOT23_5	LMV7219_SOT23_5, LMV7219
IC10	LMV7219_SOT23_5	LMV7219_SOT23_5, LMV7219
IC11	LMH6642_SOT23_5	LMH6642_SOT23_5, LMH6642
IC13	LMV7219_SOT23_5	LMV7219_SOT23_5, LMV7219
IC14	LMV7219_SOT23_5	LMV7219_SOT23_5, LMV7219
IC15	LMV7219_SOT23_5	LMV7219_SOT23_5, LMV7219
IC24	LMV7219_SOT23_5	LMV7219_SOT23_5, LMV7219

IC25	LMV7219_SOT23_5	LMV7219_SOT23_5, LMV7219
J1	CONN_AMP_4PIN	CONN_AMP_4PIN, CONN_AMP_4PIN
J7	CONN_AVX_HF_40_6210	CONN_AVX_HF_40_6210, 6210
J100	CONN_ERNI_HM_50_SMD	CONN_ERNI_HM_50_SMD
L1	PI_FILTER	PI_FILTER
L2	PI_FILTER	PI_FILTER
L3	PI_FILTER	PI_FILTER
L4	PI_FILTER	PI_FILTER
L5	PI_FILTER	PI_FILTER
L6	PI_FILTER	PI_FILTER
L7	PI_FILTER	PI_FILTER
L8	PI_FILTER	PI_FILTER
L9	PI_FILTER_1806	PI_FILTER_1806
L10	PI_FILTER_1806	PI_FILTER_1806
PD5	PAD_TH150D130RD	PAD_TH150D130RD
PD7	PAD_TH150D130RD	PAD_TH150D130RD
PD29	PAD_TH032D020RD	PAD_TH032D020RD
PD30	PAD_TH032D020RD	PAD_TH032D020RD
PD31	PAD_TH032D020RD	PAD_TH032D020RD
PD32	PAD_TH032D020RD	PAD_TH032D020RD
PD33	PAD_TH032D020RD	PAD_TH032D020RD
PD34	PAD_TH032D020RD	PAD_TH032D020RD
PD35	PAD_TH032D020RD	PAD_TH032D020RD
PD36	PAD_TH032D020RD	PAD_TH032D020RD
PD37	PAD_TH032D020RD	PAD_TH032D020RD
PD38	PAD_TH032D020RD	PAD_TH032D020RD
PD39	PAD_TH032D020RD	PAD_TH032D020RD
PD40	PAD_TH032D020RD	PAD_TH032D020RD
PD41	PAD_TH032D020RD	PAD_TH032D020RD
PD42	PAD_TH032D020RD	PAD_TH032D020RD
PD43	PAD_TH032D020RD	PAD_TH032D020RD
PD44	PAD_TH032D020RD	PAD_TH032D020RD
PD46	PAD_TH032D020RD	PAD_TH032D020RD
PD47	PAD_TH032D020RD	PAD_TH032D020RD
PD48	PAD_TH032D020RD	PAD_TH032D020RD
PD49	PAD_TH032D020RD	PAD_TH032D020RD
PD50	PAD_TH032D020RD	PAD_TH032D020RD
PD51	PAD_TH032D020RD	PAD_TH032D020RD
PD52	PAD_TH032D020RD	PAD_TH032D020RD
PD53	PAD_TH032D020RD	PAD_TH032D020RD
PD54	PAD_TH150D130RD	PAD_TH150D130RD
PD91	PAD_TH150D130RD	PAD_TH150D130RD
PN2	PONTICELLO	PONTICELLO
PN3	PONTICELLO	PONTICELLO
PN4	PONTICELLO	PONTICELLO
PN5	PONTICELLO	PONTICELLO
R1	R_SMD_0805	R_SMD_0805, 50
R2	R_SMD_0805	R_SMD_0805, 1M
R3	R_SMD_0805	R_SMD_0805, x
R4	R_SMD_0805	R_SMD_0805, x
R5	R_SMD_0805	R_SMD_0805, x
R6	R_SMD_0805	R_SMD_0805, x
R7	R_SMD_0805	R_SMD_0805, x
R8	R_SMD_0805	R_SMD_0805, x
R9	R_SMD_0805	R_SMD_0805, x
R10	R_SMD_0805	R_SMD_0805, 10
R11	R_SMD_0805	R_SMD_0805, 3K48
R12	R_SMD_0805	R_SMD_0805, 6K49
R13	R_SMD_0805	R_SMD_0805, 10
R14	R_SMD_0805	R_SMD_0805, 11K
R15	R_SMD_0805	R_SMD_0805, 4K7
R16	R_SMD_0805	R_SMD_0805, 10
R17	R_SMD_0805	R_SMD_0805, x
R18	R_SMD_0805	R_SMD_0805, x
R19	R_SMD_0805	R_SMD_0805, x
R20	R_SMD_0805	R_SMD_0805, 1000
R21	R_SMD_0805	R_SMD_0805, x
R22	R_SMD_0805	R_SMD_0805, x
R23	R_SMD_0805	R_SMD_0805, 1000
R24	R_SMD_0805	R_SMD_0805, x
R25	R_SMD_0805	R_SMD_0805, x
R26	R_SMD_0805	R_SMD_0805, x
R27	R_SMD_0805	R_SMD_0805, x
R28	R_SMD_0805	R_SMD_0805, 10
R29	R_SMD_0805	R_SMD_0805, x
R30	R_SMD_0805	R_SMD_0805, x
R32	R_SMD_0805	R_SMD_0805, 50

R33	R_SMD_0805	R_SMD_0805, x
R34	R_SMD_0805	R_SMD_0805, 1K8
R35	R_SMD_0805	R_SMD_0805, 100
R36	R_SMD_0805	R_SMD_0805, 50
R37	R_SMD_0805	R_SMD_0805, 10K
R39	R_SMD_0805	R_SMD_0805, 100
R40	R_SMD_0805	R_SMD_0805, 1K
R41	R_SMD_0805	R_SMD_0805, 1K
R42	R_SMD_0805	R_SMD_0805, 50
R43	R_SMD_0805	R_SMD_0805, 10
R45	R_SMD_0805	R_SMD_0805, 10
R46	R_SMD_0805	R_SMD_0805, 10
R47	R_SMD_0805	R_SMD_0805, x
R48	R_SMD_0805	R_SMD_0805, x
R49	R_SMD_0805	R_SMD_0805, 10
R50	R_SMD_0805	R_SMD_0805, x
R51	R_SMD_0805	R_SMD_0805, x
R52	R_SMD_0805	R_SMD_0805, 50
R53	R_SMD_0805	R_SMD_0805, 50
R54	R_SMD_0805	R_SMD_0805, 10M
R55	R_SMD_0805	R_SMD_0805, 10M
R56	R_SMD_0805	R_SMD_0805, 10M
R57	R_SMD_0805	R_SMD_0805, 50
R58	R_SMD_0805	R_SMD_0805, 162K
R59	R_SMD_0805	R_SMD_0805, 5K9
R60	R_SMD_0805	R_SMD_0805, 50
R61	R_SMD_0805	R_SMD_0805, 1K
R62	R_SMD_0805	R_SMD_0805, 1K
R63	R_SMD_0805	R_SMD_0805, 27K
R64	R_SMD_0805	R_SMD_0805, 1K
R65	R_SMD_0805	R_SMD_0805, 1K
R67	R_SMD_0805	R_SMD_0805, 10M
R68	R_SMD_0805	R_SMD_0805, 10M
R69	R_SMD_0805	R_SMD_0805, 10M
R70	R_SMD_0805	R_SMD_0805, 10M
R71	R_SMD_0805	R_SMD_0805, 10M
R72	R_SMD_0805	R_SMD_0805, 10M
R73	R_SMD_0805	R_SMD_0805, 10M
R74	R_SMD_0805	R_SMD_0805, 10M
R75	R_SMD_0805	R_SMD_0805, 10M
R76	R_SMD_0805	R_SMD_0805, 10M
R77	R_SMD_0805	R_SMD_0805, 10M
R78	R_SMD_0805	R_SMD_0805, 10M
R79	R_SMD_0805	R_SMD_0805, 10M
R80	R_SMD_0805	R_SMD_0805, 10M
R81	R_SMD_0805	R_SMD_0805, 10M
R82	R_SMD_0805	R_SMD_0805, 10M
R83	R_SMD_0805	R_SMD_0805, 10M
R84	R_SMD_0805	R_SMD_0805, 10M
R85	R_SMD_0805	R_SMD_0805, 10M
R86	R_SMD_0805	R_SMD_0805, 39K
R87	R_SMD_0805	R_SMD_0805, 10
R88	R_SMD_0805	R_SMD_0805, 27000
R89	R_SMD_0805	R_SMD_0805, 10K
R90	R_SMD_0805	R_SMD_0805, 30K1
R91	R_SMD_0805	R_SMD_0805, 33K8
R92	R_SMD_0805	R_SMD_0805, 10
R93	R_SMD_0805	R_SMD_0805, 10
R94	R_SMD_0805	R_SMD_0805, x
R95	R_SMD_0805	R_SMD_0805, x
R96	R_SMD_0805	R_SMD_0805, 30K1
R97	R_SMD_0805	R_SMD_0805, 33K2
R98	R_SMD_0805	R_SMD_0805, 30K1
R99	R_SMD_0805	R_SMD_0805, 21K5
R100	R_SMD_0805	R_SMD_0805, 30K1
R101	R_SMD_0805	R_SMD_0805, 20K
R105	R_SMD_0805	R_SMD_0805, x
R107	R_SMD_0805	R_SMD_0805, 10
R111	R_SMD_0805	R_SMD_0805, 3K3
R112	R_SMD_0805	R_SMD_0805, 10M
R113	R_SMD_0805	R_SMD_0805, 10M
R114	R_SMD_0805	R_SMD_0805, 10M
R115	R_SMD_0805	R_SMD_0805, 10M
R116	R_SMD_0805	R_SMD_0805, 10M
R117	R_SMD_0805	R_SMD_0805, 10M
R118	R_SMD_0805	R_SMD_0805, 10M
R119	R_SMD_0805	R_SMD_0805, 10M

R120	R_SMD_0805	R_SMD_0805, 10M
R121	R_SMD_0805	R_SMD_0805, 10M
R122	R_SMD_0805	R_SMD_0805, 10
R123	R_SMD_0805	R_SMD_0805, 10
R126	R_SMD_0805	R_SMD_0805, 787
R127	R_SMD_0805	R_SMD_0805, 127K
R128	R_SMD_0805	R_SMD_0805, 68K1
R129	R_SMD_0805	R_SMD_0805, 10K5
R132	R_SMD_0805	R_SMD_0805, 18K7
R133	R_SMD_0805	R_SMD_0805, 4K42
R134	R_SMD_0805	R_SMD_0805, 3K16
R135	R_SMD_0805	R_SMD_0805, 154
R137	R_SMD_0805	R_SMD_0805, 47K
R138	R_SMD_0805	R_SMD_0805, 0
R139	R_SMD_0805	R_SMD_0805, 0
R140	R_SMD_0805	R_SMD_0805, 0
R141	R_SMD_0805	R_SMD_0805, 0
R142	R_SMD_0805	R_SMD_0805, 0
R143	R_SMD_0805	R_SMD_0805, 0
R144	R_SMD_0805	R_SMD_0805, x
R146	R_SMD_0805	R_SMD_0805, 47K
R151	R_SMD_0805	R_SMD_0805, 10
R152	R_SMD_0805	R_SMD_0805, 47K
R153	R_SMD_0805	R_SMD_0805, 47K
R154	R_SMD_0805	R_SMD_0805, 180
R155	R_SMD_0805	R_SMD_0805, 470
R156	R_SMD_0805	R_SMD_0805, 10
R157	R_SMD_0805	R_SMD_0805, 47K
R158	R_SMD_0805	R_SMD_0805, 47K
R159	R_SMD_0805	R_SMD_0805, 180
R160	R_SMD_0805	R_SMD_0805, 470
R164	R_SMD_0805	R_SMD_0805, 100
R167	R_SMD_0805	R_SMD_0805, 0
R168	R_SMD_0805	R_SMD_0805, X
TEST IN	LEMO_GND_V	LEMO_GND_V
THRESHOLD	LEMO_GND_V	LEMO_GND_V, X
TM1	TM_VM1	TM_VM1, 10K
TRIGGER	LEMO_GND_V	LEMO_GND_V
U1	TPS79301_SOT23-6	TPS79301_SOT23-6
U2	VA_TA	TA_VA
U3	TPS72301_SOT23-5	TPS72301_SOT23-5
U4	TPS79301_SOT23-6	TPS79301_SOT23-6
U5	TC1047_SOT23	TC1047_SOT23, RS6283576
U6	TPS72301_SOT23-5	TPS72301_SOT23-5