

E6131			
Part Type	Designator	Footprint	Part Field 1
.PCB FOR E6131	.E6131	.FOOTPRINT LIBR	
47nF	C1	LS_ZZ_0805-C	*
100nF	C10	LS_ZZ_1206-C	*
100nF	C11	LS_ZZ_1206-C	*
10uF 16V	C12	LS_ZZ_1206-C	*
10uF 16V	C13	LS_ZZ_1206-C	*
10uF 16V	C14	LS_ZZ_1206-C	*
100nF	C15	LS_ZZ_0603-C	100nF-50V-X7R-0603
10uF 16V	C16	LS_ZZ_1206-C	*
10uF 16V	C17	LS_ZZ_1206-C	*
100nF	C18	LS_ZZ_0603-C	*
10uF 16V	C19	LS_ZZ_1206-C	*
47nF	C2	LS_ZZ_0805-C	*
100nF	C20	LS_ZZ_0603-C	*
1000uF 63V	C21	LP_CEV_D16P7,5-5	*
1000uF 63V	C22	LP_CEV_D16P7,5-5	*
1000uF 63V	C23	LP_CEV_D16P7,5-5	*
100nF	C24	LS_ZZ_0603-C	100nF-50V-X7R-0603
22nF	C25	LS_ZZ_0603-C	100nF-50V-X7R-0603
100nF	C26	LS_ZZ_0603-C	*
100nF	C27	LS_ZZ_0603-C	*
D.N.F.	C28	LS_ZZ_0603-C	IF MOUNTED 100nF
100nF	C29	LS_ZZ_0603-C	*
47nF	C3	LS_ZZ_0805-C	*
100nF	C30	LS_ZZ_0603-C	*
100nF	C31	LS_ZZ_0603-C	*
100nF	C32	LS_ZZ_0603-C	*
1nF	C33	LS_ZZ_0603-C	*
47uF 25V	C34	LS_CE- D6,3	47uF-63V-ESR-F
1nF	C35	LS_ZZ_0603-C	*
100nF	C36	LS_ZZ_0603-C	*
100nF	C37	LS_ZZ_0603-C	*
100nF	C38	LS_ZZ_0603-C	*
100nF	C39	LS_ZZ_0603-C	*
47nF	C4	LS_ZZ_0805-C	*
100nF	C40	LS_ZZ_0603-C	*
47uF 25V	C41	LS_CE- D6,3	47uF-63V-ESR-F
47uF 25V	C42	LS_CE- D6,3	47uF-63V-ESR-F
47nF	C43	LS_ZZ_0603-C	*
47nF	C44	LS_ZZ_0603-C	*
D.N.F.	C45	LS_ZZ_0603-C	*
22nF	C46	LS_ZZ_0603-C	100nF-50V-X7R-0603
100nF	C47	LS_ZZ_0603-C	*
22uF 35V	C48	LS_CE- D5	*
1nF	C49	LS_ZZ_0603-C	*
2,2uF 100V	C5	LS_ZZ_1210-C	
47nF	C50	LS_ZZ_0603-C	*
1nF	C51	LS_ZZ_0603-C	*
100nF	C53	LS_ZZ_0603-C	*
22uF 25V	C54	LS_CE- D5	22uF 25V LOW ESR
1nF	C55	LS_ZZ_0603-C	*
47pF	C56	LS_ZZ_0603-C	*
47pF	C57	LS_ZZ_0603-C	*
47pF	C58	LS_ZZ_0603-C	*
1nF	C59	LS_ZZ_0603-C	*
2,2uF 100V	C6	LS_ZZ_1210-C	
1nF	C60	LS_ZZ_0603-C	*
D.N.F.	C61	LS_ZZ_0603-C	*
D.N.F.	C62	LS_ZZ_0603-C	*
D.N.F.	C63	LS_ZZ_0603-C	*
1000uF 63V	C64	LP_CEV_D16P7,5-5	*
1000uF 63V	C65	LP_CEV_D16P7,5-5	*
1000uF 63V	C66	LP_CEV_D16P7,5-5	*
470nF 200V	C67	LP_C-- L13-S5-P7,5-10	*
N.M	C68	LS_ZZ_1206-C	*
N.M	C69	LS_ZZ_1206-C	*
47nF	C7	LS_ZZ_0805-C	*
N.M	C70	LS_ZZ_1206-C	*
470nF 200V	C71	LP_C-- L13-S5-P7,5-10	*
470nF 200V	C72	LP_C-- L13-S5-P7,5-10	*
1nF	C73	LS_ZZ_0603-C	*
47pF	C76	LS_ZZ_0603-C	*
47pF	C77	LS_ZZ_0603-C	*
47pF	C78	LS_ZZ_0603-C	*
47nF	C8	LS_ZZ_0805-C	*

1nF	C80	LS_ZZ_0603-C	Sheet*
1nF	C81	LS_ZZ_0603-C	*
1nF	C82	LS_ZZ_0603-C	*
1nF	C83	LS_ZZ_0603-C	*
1nF	C84	LS_ZZ_0603-C	*
47nF	C85	LS_ZZ_0805-C	*
47nF	C86	LS_ZZ_0805-C	*
47nF	C87	LS_ZZ_0805-C	*
100nF	C9	LS_ZZ_1206-C	*
MURS160	D1	LS_ZZ_MELF-D	*
BAT46W	D10	LS_ZZ_SOD123	*
BAT46W	D11	LS_ZZ_SOD123	*
VSSA210	D12	LS_ZZ_DO214AC-SMA	*
BAT54S	D13	LS_ZZ_SOT23	*
VSSA210	D14	LS_ZZ_DO214AC-SMA	*
BAT46W	D15	LS_ZZ_SOD123	*
BAT46W	D16	LS_ZZ_SOD123	*
BAT46W	D17	LS_ZZ_SOD123	*
MURS160	D2	LS_ZZ_MELF-D	*
MURS160	D3	LS_ZZ_MELF-D	*
BAT54S	D4	LS_ZZ_SOT23	*
BAT54S	D5	LS_ZZ_SOT23	*
BAT54S	D6	LS_ZZ_SOT23	*
BAT54S	D7	LS_ZZ_SOT23	*
BAT54S	D8	LS_ZZ_SOT23	*
BAT46W	D9	LS_ZZ_SOD123	*
LED GREEN	DL4	LS_ZZ_0805-DL	
SCREW M3	FIX1		*
SCREW M3	FIX2		*
SCREW M3	FIX3		*
SCREW M3	FIX4		*
SCREW M3	FIX5		*
SCREW M3	FIX6		*
ANSLEY M.V. 8X2	J1	LP_J--_P2,54X2,54-FKV16SN	*
D.N.F.	J10	LP_J--_P3,5-6P	IF MOUNTED M.V. P3,5 6P
M.V. P2,54 2P	J11	LP_JJS_P2,54-STRIP-M-V-2P	*
ANSLEY M.V. 17X2	J12	LP_J--_P2,54X2,54-FKV34SN	*
ANSLEY M.V. 13X2	J2	LP_J--_P2,54X2,54-FKV26SN	*
ANSLEY M.V. 8X2	J3	LP_J--_P2,54X2,54-FKV16SN	*
D.N.F.	J7	LP_J--_P3,5-5P	IF MOUNTED M.V. P3,5 5P
STRIP M.V. P=2,54 2P	J8	LP_JJS_P2,54-STRIP-M-V-2P	LP_JM-_P5,08-ESTR-2P
DNF	J8A	LP_JM-_P5,08-ESTR-2P	IF MOUNTED M.V.P5,08 2P
STRIP M.V. P=2,54 2P	J9	LP_JJS_P2,54-STRIP-M-V-2P	*
M5	JM1	LP_J_F-5MA	OTTONE
M5	JM2	LP_J_F-5MA	OTTONE
M5	JM3	LP_J_F-5MA	OTTONE
M5	JM4	LP_J_F-5MA	OTTONE
M5	JM5	LP_J_F-5MA	OTTONE
STRIP M.V. P2,54 3P	JP1	LP_JJS_P2,54-STRIP-M-V-3P	*
STRIP M.V. P2,54 2P	JP10	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP11	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP12	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP13	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP2	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP3	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP4	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP5	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP6	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP7	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP8	LP_JJS_P2,54-STRIP-M-V-2P	*
STRIP M.V. P2,54 2P	JP9	LP_JJS_P2,54-STRIP-M-V-2P	*
47uH 1A	L1	LS_L--_1038-WURTH TPC	WURTH:744065470
DNF	MILL1	LP_JPS_PS1-PAD2MM	*
D.N.F.	PS1	LP_JPS_PS2-P2MM-LINE15M	*
D.N.F.	PS10	LP_JPS_PS2-P2MM-LINE15M	*
D.N.F.	PS2	LP_JPS_PS2-P2MM-LINE15M	*
D.N.F.	PS3	LP_JPS_PS2-P2MM-LINE15M	*
N.M.	PS4	LP_JPS_PS2-P2MM-LINE15M	
N.M.	PS5	LP_JPS_PS2-P2MM-LINE15M	
D.N.F.	PS6	LP_JPS_PS2-P2MM-LINE15M	*
D.N.F.	PS7	LP_JPS_PS2-P2MM-LINE15M	*
D.N.F.	PS8	LP_JPS_PS2-P2MM-LINE15M	*
D.N.F.	PS9	LP_JPS_PS2-P2MM-LINE15M	*
180N10	Q1	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
180N10	Q10	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
180N10	Q11	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
180N10	Q12	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
BC817	Q13	LS_ZZ_SOT23	*

180N10	Q2	LP_Q--_TO220H_L17,1MM Sheet	NDPL180N10BG
180N10	Q3	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
180N10	Q4	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
180N10	Q5	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
180N10	Q6	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
180N10	Q7	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
180N10	Q8	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
180N10	Q9	LP_Q--_TO220H_L17,1MM	NDPL180N10BG
47K	R1	LS_ZZ_0603-R	*
10K	R10	LS_ZZ_0603-R	*
1K0	R103	LS_ZZ_0603-R	*
33K	R104	LS_ZZ_0603-R	*
1K0	R105	LS_ZZ_0603-R	*
10K	R107	LS_ZZ_0603-R	*
10K	R108	LS_ZZ_0603-R	*
10K	R109	LS_ZZ_0603-R	*
33K	R11	LS_ZZ_0603-R	*
10K	R110	LS_ZZ_0603-R	*
3R3	R111	LS_ZZ_0805-R	*
3R3	R112	LS_ZZ_0805-R	*
3R3	R113	LS_ZZ_0805-R	*
47R	R114	LS_ZZ_0603-R	*
47R	R115	LS_ZZ_0603-R	*
47R	R118	LS_ZZ_0603-R	*
47R	R119	LS_ZZ_0603-R	*
33K	R12	LS_ZZ_0603-R	*
47R	R120	LS_ZZ_0603-R	*
47R	R121	LS_ZZ_0603-R	*
47R	R122	LS_ZZ_0603-R	*
47R	R123	LS_ZZ_0603-R	*
47R	R124	LS_ZZ_0603-R	*
47R	R125	LS_ZZ_0603-R	*
47R	R126	LS_ZZ_0603-R	*
47R	R127	LS_ZZ_0603-R	*
0,003R	R128	LS_ZZ_3921-R	WISHAY:WSP3921 5W
0,003R	R129	LS_ZZ_3921-R	WISHAY:WSP3921 5W
33K	R13	LS_ZZ_0603-R	*
0,003R	R130	LS_ZZ_3921-R	WISHAY:WSP3921 5W
0,003R	R131	LS_ZZ_3921-R	WISHAY:WSP3921 5W
0,003R	R132	LS_ZZ_3921-R	WISHAY:WSP3921 5W
0,003R	R133	LS_ZZ_3921-R	WISHAY:WSP3921 5W
0,003R	R134	LS_ZZ_3921-R	WISHAY:WSP3921 5W
0,003R	R135	LS_ZZ_3921-R	WISHAY:WSP3921 5W
0,003R	R136	LS_ZZ_3921-R	WISHAY:WSP3921 5W
100R	R137	LS_ZZ_0603-R	*
100R	R138	LS_ZZ_0603-R	*
100R	R139	LS_ZZ_0603-R	*
22K 1206	R14	LS_ZZ_1206-R	*
100R	R140	LS_ZZ_0603-R	*
100R	R141	LS_ZZ_0603-R	*
100R	R142	LS_ZZ_0603-R	*
33K	R15	LS_ZZ_0603-R	*
33K	R16	LS_ZZ_0603-R	*
33K	R17	LS_ZZ_0603-R	*
33K	R18	LS_ZZ_0603-R	*
33K	R19	LS_ZZ_0603-R	*
10K	R2	LS_ZZ_0603-R	*
33K	R20	LS_ZZ_0603-R	*
22K 1206	R21	LS_ZZ_1206-R	*
22K 1206	R22	LS_ZZ_1206-R	*
D.N.F.	R23	LS_ZZ_0603-R	IF MOUNTED 2K2
D.N.F.	R24	LS_ZZ_0603-R	IF MOUNTED 2K2
D.N.F.	R25	LS_ZZ_0603-R	IF MOUNTED 2K2
100K	R26	LS_ZZ_0805-R	0805
100K	R27	LS_ZZ_0805-R	0805
100K	R28	LS_ZZ_0805-R	0805
4K7	R29	LS_ZZ_0603-R	*
47K	R3	LS_ZZ_0603-R	*
4K7	R30	LS_ZZ_0603-R	*
4K7	R31	LS_ZZ_0603-R	*
220R 1%	R32	LS_ZZ_0603-R	*
220R 1%	R33	LS_ZZ_0603-R	*
220R 1%	R34	LS_ZZ_1206-R	*
5K62 1%	R35	LS_ZZ_0603-R	*
5K62 1%	R36	LS_ZZ_0603-R	*
5K62 1%	R37	LS_ZZ_0603-R	*
2K2	R38	LS_ZZ_0603-R	*
10K	R39	LS_ZZ_0603-R	*

200K	R4	LS_ZZ_0603-R	Sheet1	*
22K 1206	R40	LS_ZZ_1206-R		*
22K 1206	R41	LS_ZZ_1206-R		*
10K	R42	LS_ZZ_0603-R		*
22K	R43	LS_ZZ_0603-R		*
1M	R44	LS_ZZ_0603-R		*
5K6	R45	LS_ZZ_0603-R		*
5K6	R46	LS_ZZ_0603-R		*
5K6	R47	LS_ZZ_0603-R		*
D.N.F.	R48	LS_ZZ_0603-R		*
D.N.F.	R49	LS_ZZ_0603-R		*
10K	R5	LS_ZZ_0603-R		*
D.N.F.	R50	LS_ZZ_0603-R		*
22K 1206	R51	LS_ZZ_1206-R		*
22K 1206	R52	LS_ZZ_1206-R		*
22K 1206	R53	LS_ZZ_1206-R		*
D.N.F.	R54	LS_ZZ_0603-R		IF MOUNTED 2K2
D.N.F.	R55	LS_ZZ_0603-R		IF MOUNTED 2K2
D.N.F.	R56	LS_ZZ_0603-R		IF MOUNTED 2K2
D.N.F.	R57	LS_ZZ_0603-R		IF MOUNTED 0R
D.N.F.	R58	LS_ZZ_0603-R		IF MOUNTED 0R
150K	R59	LS_ZZ_0603-R		*
47K	R6	LS_ZZ_0603-R		*
22K	R60	LS_ZZ_0603-R		*
200K	R61	LS_ZZ_0603-R		*
DNF	R62	LS_ZZ_0603-R		IF MOUNTED 0R
DNF	R63	LS_ZZ_0603-R		IF MOUNTED 0R
DNF	R64	LS_ZZ_0603-R		IF MOUNTED 0R
DNF	R65	LS_ZZ_0603-R		IF MOUNTED 0R
DNF	R66	LS_ZZ_0603-R		IF MOUNTED 0R
DNF	R67	LS_ZZ_0603-R		IF MOUNTED 0R
4K99	R68	LS_ZZ_0603-R		*
2R2	R69	LS_ZZ_0805-R		0805
10K	R7	LS_ZZ_0603-R		*
DNF	R70	LS_ZZ_0603-R		IF MOUNTED (0805)
1K8	R71	LS_ZZ_0603-R		*
1K0	R72	LS_ZZ_0603-R		*
22K 1206	R73	LS_ZZ_1206-R		*
22K 1206	R74	LS_ZZ_1206-R		*
22K 1206	R75	LS_ZZ_1206-R		*
22K 1206	R76	LS_ZZ_1206-R		*
22K 1206	R77	LS_ZZ_1206-R		*
0R	R78	LS_ZZ_0603-R		*
1K8	R79	LS_ZZ_0603-R		*
10K	R8	LS_ZZ_0603-R		*
22K 1206	R80	LS_ZZ_1206-R		*
22K 1206	R81	LS_ZZ_1206-R		*
1K0	R88	LS_ZZ_0603-R		*
1K0	R89	LS_ZZ_0603-R		*
4K70	R9	LS_ZZ_0603-R		*
33K	R90	LS_ZZ_0603-R		*
1K0	R91	LS_ZZ_0603-R		*
1K0	R92	LS_ZZ_0603-R		*
1K0	R93	LS_ZZ_0603-R		*
1K0	R94	LS_ZZ_0603-R		*
33K	R95	LS_ZZ_0603-R		*
1K0	R96	LS_ZZ_0603-R		*
N.M.	TP1	LP_JTP-_FORO-09		*
N.M.	TP10	LP_JTP-_FORO-09		*
N.M.	TP11	LP_JTP-_FORO-09		*
N.M.	TP13	LP_JTP-_FORO-09		*
N.M.	TP14	LP_JTP-_FORO-09		*
N.M.	TP2	LP_JTP-_FORO-09		*
N.M.	TP3	LP_JTP-_FORO-09		*
N.M.	TP7	LP_JTP-_FORO-09		*
N.M.	TP8	LP_JTP-_FORO-09		*
LM5010A	U1	LS_ZZ_TSSOP14EP		*
NCP5181	U10	LS_ZZ_SO8		*
NCP5181	U11	LS_ZZ_SO8		*
NCP5181	U12	LS_ZZ_SO8		*
HXS20NP-LEM	U13	LP_LTA_P_HXS20-NP-LEM		*
LM1117	U2	LS_ZZ_DPAK-SOT223		LM1117 DPAK SOT223
MC33072	U5	LS_ZZ_SO8		*
MC33072	U6	LS_ZZ_SO8		*
HXS20NP-LEM	U8	LP_LTA_P_HXS20-NP-LEM		*
HXS20NP-LEM	U9	LP_LTA_P_HXS20-NP-LEM		*