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DESIGN : contro198 T2170/T2280					
BAUGRUPPE : 48500					
SMD-BAUGR. : 48499					
LEITERPLATTE: 48498					
DATUM : 21.03.2001					
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POS	ID-NR	BAUTEIL (* entspr.Schaltplan *)	TYP	ANZ	BEZEICHNUNG (* nur physikalisch bestueckte Positionen *)
1	709616	2_5ULTREX2-MALE,S,BLACK	EXOT	1	X2
2	709912	514256-SOP	SMD	2	IC3,IC4
3	709864	74F157-SOP	SMD	3	IC10-IC12
4	711463	74HCT08-SOP	SMD	6	IC33-IC38
5	710334	74LS02-SOP	SMD	1	IC22
6	710068	74LS04-SOP	SMD	1	IC21
7	710166	74LS08-SOP	SMD	1	IC19
8	709742	74LS14-SOP	SMD	1	IC32
9	709781	74LS244-SOP	SMD	3	IC14,IC24,IC25
10	710310	74LS245-SOP	SMD	1	IC13
11	711456	93C56-SOP	SMD	1	IC9
12	704116	C-100N,158-2,100V,K,UNDEFINED	RADIAL	2	C183,C293
13	709999	C-100N,62130,63V,M,UNDEFINED	SMD	38	C8,C22,C24,C31,C39,C45,C47,C49,C52-C55,C60,C61,C64,C65,C69,C73,C78,C79,C89,C91,C104,C111,C113,C114,C117,C118,C121,C122,C128,C129,C133,C134,C148,C153,C158,C161
14	710287	C-100P,62130,63V,K,UNDEFINED	SMD	4	C3,C265,C266,C303
15	710618	C-10N,62130,63V,M,UNDEFINED	SMD	16	C6,C7,C10,C28,C29,C40-C42,C88,C92,C298-C301,C306,C307
16	712235	C-1N,62130,100V,J,COG	SMD	8	C145,C188,C321-C326
17	710616	C-1N,62130,63V,K,UNDEFINED	SMD	9	C95,C98,C125,C136,C137,C139,C143,C151,C154
18	710153	C-1N5,62130,63V,M,UNDEFINED	SMD	8	C25,C56,C66,C82,C84,C101,C157,C159
19	710086	C-1N5,62132,100V,M,UNDEFINED	SMD	26	C71,C80,C90,C99,C100,C105,C106,C110,C112,C115,C116,C119,C120,C124,C131,C132,C168,C175-C182,C184
20	710333	C-220N,62132,63V,M,X7R	SMD	8	C162,C164,C166,C167,C172,C174,C313,C314
21	710752	C-220P,62130,63V,K,UNDEFINED	SMD	1	C5
22	710286	C-22P,62130,63V,M,UNDEFINED	SMD	2	C1,C2
23	710617	C-2N2,62130,63V,M,UNDEFINED	SMD	17	C4,C11,C17-C19,C23,C26,C27,C67,C74,C123,C127,C130,C165,C311,C312,C316
24	710331	C-330P,62129,100V,J,X7R	SMD	34	C190,C196,C199,C204,C206,C207,C216,C221-C224,C230-C233,C237-C241,C246-C249,C253,C254,C256,C257,C259-C262,C264,C308
25	710288	C-330P,62130,63V,J,UNDEFINED	SMD	33	C12-C14,C30,C37,C44,C46,C51,C63,C68,C70,C72,C75-C77,C81,C85-C87,C93,C97,C102,C103,C107,C108,C126,C135,C138,C150,C169,C170,C302,C304
26	705807	C-470N,158-2,63V,M,UNDEFINED	RADIAL	2	C15,C109
27	710615	C-470P,62130,63V,K,UNDEFINED	SMD	6	C20,C48,C294-C297
28	710325	C-4N7,62130,100V,K,UNDEFINED	SMD	1	C83
29	710324	C-68N,62132,100V,K,UNDEFINED	SMD	2	C156,C160
30	710209	C-68P,62130,63V,M,UNDEFINED	SMD	10	C33,C34,C36,C38,C50,C59,C94,C96,C163,C315
31	709747	CHAMP36-FEMALE,P,SNAPIN,M3	EXOT	1	X3

32	709796	DIODE-BYW80-100I	RADIAL	1	V42
33	709988	DIODE-ES1B	SMD	33	V3, V5, V6, V8, V11-V25, V27-V31, V38, V44, V47, V49, V51, V52, V60-V62
34	709816	DIODE-LL4148	SMD	4	V10, V26, V32, V41
35	709143	DIODE-MUR410	AXIAL	1	V39
36	710338	D_SUB9_1-FEMALE, P, SNAPIN	EXOT	1	X6
37	711441	E28F800-TSOP48	SMD	2	IC2, IC6
38	708891	ELKO-10U, 148-0, 50V, M, UNDEFINED	RADIAL	3	C43, C144, C198
39	709122	ELKO-10U, 148-0, 63V, T, UNDEFINED	RADIAL	2	C189, C197
40	709818	ELKO-10U, 62110, 16V, M, UNDEFINED	SMD	8	C57, C62, C147, C152, C155, C171, C205, C310
41	709683	ELKO-10U, 62110, 50V, M, UNDEFINED	SMD	3	C141, C142, C173
42	709121	ELKO-1M, 148-0, 40V, T, UNDEFINED	RADIAL	1	C228
43	708818	ELKO-1U, 148-0, 50V, M, UNDEFINED	RADIAL	1	C200
44	708568	ELKO-220U, 148-0, 40V, T, UNDEFINED	RADIAL	4	C21, C140, C146, C149
45	704799	ELKO-220U, 148-0, 63V, T, UNDEFINED	RADIAL	3	C185, C187, C193
46	709133	ELKO-2U2, 148-0, 50V, M, UNDEFINED	RADIAL	1	C194
47	710095	HEAT_SINK-710095	EXOT	1	HS2
48	710172	HEAT_SINK-710172	EXOT	1	HS3
49	712233	HEAT_SINK-712233	EXOT	1	HS1
50	46817	L-46817	RADIAL	1	L5
51	705498	L-705498	AXIAL	1	L2
52	709117	L298N-MWATT15	RADIAL	1	IC18
53	710197	L4972-SOP	SMD	1	IC15
54	708674	L6202-DIP	DIP	1	IC23
55	709822	L6203-MWATT11	RADIAL	1	IC7
56	710122	L6219-DIP	DIP	2	IC26, IC28
57	710030	LM339-SOP	SMD	2	IC31, IC46
58	710074	LM358A-SOP	SMD	1	IC29
59	710332	L_710332-710332	EXOT	1	L3
60	712234	L_NEW-WHD, WUERTH_7427606	AXIAL	2	L4, L6
61	711390	MAX202-SOP	SMD	2	IC16, IC17
62	710213	MNR14_B-100R, 62080, 0.06W, J	SMD	14	RA1-RA14
63	710111	NMOS-2SK1300	RADIAL	1	V36
64	712086	NMOS_2D-STN2NE10L	SMD	24	V50, V53-V59, V64-V79
65	709595	NPN-BC847B	SMD	3	V4, V9, V48
66	709825	NPN-BCX56	SMD	2	V7, V37
67	709976	NPN-BD237	RADIAL	1	V40
68	710421	PNP_2C-BCP51_16	SMD	1	V46
69	47537	PPU96-QFP	SMD	1	IC8
70	712098	QUARZ-15.9744MHZ, HC49U4C	SMD	1	G1
71	710335	R-0R, 62048, 0.25W, J	SMD	3	R101, R272, R273
72	704609	R-0R22, 112-0, 1.0W, G	AXIAL	1	R94
73	710134	R-100K, 62048, 0.12W, F	SMD	2	R191, R220
74	709995	R-100R, 62048, 0.12W, J	SMD	15	R20, R22, R25, R97, R98, R143-R148, R213, R256-R258
75	710100	R-10K, 62048, 0.12W, F	SMD	16	R1, R12, R21, R35, R46, R99, R102, R134, R142, R210, R212, R247, R249, R252, R253, R263
76	710221	R-150K, 62048, 0.12W, F	SMD	2	R18, R215
77	710218	R-15K, 62048, 0.12W, F	SMD	1	R52
78	705063	R-180R, 104-0, 0.55W, J	AXIAL	1	R206

79	710073	R-18R2, 62050, 0.25W, F	SMD	1	R132
80	710292	R-1K0, 62048, 0.12W, F	SMD	1	R161
81	710216	R-1K0, 62048, 0.12W, J	SMD	30	R17, R28, R42, R43, R49, R53-R60, R62-R67, R100, R123, R137, R140, R141, R185, R198, R217, R246, R265, R267
82	710305	R-1K2, 62048, 0.12W, F	SMD	33	R9, R69, R71-R76, R78, R80-R82, R86-R88, R92, R93, R109-R112, R121, R129-R131, R133, R150, R151, R160, R184, R236-R238
83	710273	R-1K54, 62048, 0.12W, F	SMD	36	R38, R50, R51, R118, R125, R126, R155-R159, R167, R169, R170, R174, R176, R177, R180, R183, R186, R187, R195, R196, R201, R202, R205, R211, R214, R218, R219, R223, R227, R229, R230, R239, R240
84	710091	R-1M, 62048, 0.12W, J	SMD	3	R244, R245, R262
85	705636	R-1R, 109-0, 0.6W, F	AXIAL	1	R31
86	710307	R-1R, 62050, 0.25W, F	SMD	24	R70, R77, R83, R89, R95, R113, R114, R117, R122, R124, R152-R154, R162, R163, R171, R178, R193, R222, R231-R235
87	709954	R-1R15, 109-0, 0.6W, F	AXIAL	6	R23, R32, R33, R115, R116, R120
88	710275	R-2K0, 62048, 0.12W, F	SMD	2	R79, R208
89	710293	R-2K32, 62048, 0.12W, F	SMD	1	R207
90	710276	R-2K49, 62048, 0.12W, F	SMD	1	R26
91	710277	R-2K74, 62048, 0.12W, F	SMD	37	R36, R37, R90, R91, R96, R105-R108, R119, R128, R149, R164-R166, R168, R172, R173, R175, R179, R181, R182, R188-R190, R194, R197, R200, R204, R216, R224-R226, R228, R254, R259, R260
92	710296	R-35K7, 62048, 0.12W, F	SMD	1	R209
93	710283	R-37K4, 62048, 0.12W, F	SMD	8	R27, R30, R34, R40, R41, R44, R135, R136
94	710144	R-3K01, 62048, 0.12W, F	SMD	7	R3, R10, R13, R221, R241, R264, R271
95	710102	R-470R, 62048, 0.12W, J	SMD	4	R16, R48, R68, R266
96	710272	R-47R, 62048, 0.12W, F	SMD	2	R6, R11
97	710278	R-4K7, 62048, 0.12W, J	SMD	12	R2, R4, R5, R29, R39, R45, R84, R127, R248, R251, R268, R270
98	710285	R-56K, 62048, 0.12W, J	SMD	6	R14, R138, R139, R242, R243, R261
99	710103	R-56R2, 62048, 0.12W, F	SMD	1	R192
100	710295	R-6K8, 62048, 0.12W, J	SMD	2	R85, R203
101	710311	R-6R19, 62048, 0.12W, F	SMD	1	R199
102	708683	S_DIODE-D1FS4	SMD	1	V82
103	710099	S_DIODE_NNCA-BAT54	SMD	2	V1, V2
104	46727	THS-PLCC	SMD	1	IC20
105	46987	TR_46987-46987	EXOT	1	TR1
106	709800	V25-QFP	SMD	1	IC5
107	709746	VG_3X16_ABC-FEMALE, P, SNAPIN, YES	EXOT	1	X5
108	710176	VG_3X32_ABC-MALE, P, SNAPIN, NO	EXOT	1	X1
109	710211	VH_3-MALE, S	EXOT	1	X4
110	704682	Z_DIODE-1.5KE43A	AXIAL	1	V33
111	709774	Z_DIODE-1N5349	AXIAL	1	V34
112	704798	Z_DIODE-BZX55C75	AXIAL	1	V35
113	705565	Z_DIODE-BZX85C10	AXIAL	2	V43, V63
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DESIGN : contro198 T2170/T2280					
BAUGRUPPE : 48500					
SMD-BAUGR. : 48499					

LEITERPLATTE: 48498					
DATUM : 21.03.2001					
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POS	ID-NR	BAUTEIL (* ohne Referenz im Schaltplan *)	TYP	ANZ	BEZEICHNUNG