



USING SIDE CUTTERS...
A "C" CHARACTER...
THE CUT CHANNELS...
AND THEN SNAP OUT

REMOVE AND FIT...
BRACES PRIOR TO...
FLOW SOLDER

HAVE SOLDER...
BRILLING EDGE

HAVE SOLDER...
BRILLING EDGE

ALLEN & HEATH
QU-24 FADER
AG9292_1

UL 94U-0

SMD FLOW →→

SMD FLOW →→

SMD FLOW →→

SMD FLOW →→

SMD FLOW →→

SMD FLOW →→

Designator	Description
C1	CAPACITOR CERAMIC SMD0805 NOT FITTED
C2	CAPACITOR ELECTROLYTIC SMD 10uF 16V (AF5235)
C3	CAPACITOR ELECTROLYTIC SMD 10uF 16V (AF5235)
C4	CAPACITOR CERAMIC SMD0603 22P (AF4829)
C5	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C6	CAPACITOR CERAMIC SMD0603 22P (AF4829)
C7	CAPACITOR CERAMIC SMD0402 NOT FITTED
C8	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C9	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C10	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C11	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C12	CAPACITOR ELECTROLYTIC SMD 1uF 50V (AF2995)
C13	CAPACITOR CERAMIC SMD0603 10N 25V X7R (AF7312)
C14	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C15	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C16	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C17	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C18	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C19	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C20	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C21	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C23	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C24	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C25	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C26	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C27	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C28	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C29	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C30	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C31	CAPACITOR ELECTROLYTIC SMD 100uF 50V (AF5734)
C32	CAPACITOR ELECTROLYTIC SMD 100uF 50V (AF5734)
C33	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C34	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C35	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_1-2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_3-4	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_5-6	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_7-8	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_9-10	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_11-12	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_13-14	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_15-16	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_17-18	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_19-20	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_21-22	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36_23-24	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C37	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C38	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C39	CAPACITOR ELECTROLYTIC 330uF 10V (AF2288)
C40	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C41	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C42	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C43	CAPACITOR CERAMIC SMD0805 100P (AF2847)
C44	CAPACITOR ELECTROLYTIC 330uF 10V (AF2288)
C45	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C46	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C47	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C48	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C49	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C50	CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)
C51	CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)
C52	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C53	CAPACITOR ELECTROLYTIC 330uF 10V (AF2288)
C54	CAPACITOR ELECTROLYTIC 330uF 10V (AF2288)
C55	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C56	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)

C57	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C58	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C59	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C60	CAPACITOR ELECTROLYTIC 330uF 10V (AF2288)
C61	CAPACITOR ELECTROLYTIC 330uF 10V (AF2288)
C62	CAPACITOR ELECTROLYTIC 330uF 10V (AF2288)
C63	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C64	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C65	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C66	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C67	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C68_1-2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_3-4	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_5-6	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_7-8	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_9-10	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_11-12	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_13-14	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_15-16	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_17-18	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_19-20	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_21-22	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C68_23-24	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C69	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C70	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C71	CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)
C72	CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)
C73	CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)
C74	CAPACITOR CERAMIC SMD0805 NOT FITTED
C75	CAPACITOR CERAMIC SMD0805 1N0 (AF5040)
C76	CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)
C77	CAPACITOR ELECTROLYTIC SMD 100uF 50V (AF5734)
C78	CAPACITOR ELECTROLYTIC 2200uF 16V LESR (AF3566)
C79	CAPACITOR ELECTROLYTIC 2200uF 16V LESR (AF3566)
C80	CAPACITOR CERAMIC SMD1206 NOT FITTED
C81	CAPACITOR CERAMIC SMD1206 NOT FITTED
C82	CAPACITOR CERAMIC SMD1210 NOT FITTED
C83	CAPACITOR CERAMIC SMD0805 NOT FITTED
C84	CAPACITOR CERAMIC SMD0805 NOT FITTED
C85	CAPACITOR CERAMIC SMD0805 NOT FITTED
C86	CAPACITOR CERAMIC SMD0805 NOT FITTED
C87	CAPACITOR ELECTROLYTIC SMD CAPELSM-8X10 NOT FITTED
C88	CAPACITOR CERAMIC SMD1206 NOT FITTED
C89	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C90	CAPACITOR CERAMIC SMD0603 10N 25V X7R (AF7312)
C91	CAPACITOR ELECTROLYTIC SMD 10uF 16V (AF5235)
C92	CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)
C93	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C94	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C95	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C96	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C97	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C98	CAPACITOR CERAMIC SMD1206 10UF X5R 25V 10% (AF8942)
C99	CAPACITOR CERAMIC SMD0603 10N 25V X7R (AF7312)
C100	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C101	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C102	CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)
C103	CAPACITOR CERAMIC SMD0805 NOT FITTED
C104	CAPACITOR CERAMIC SMD0805 10UF X5R 16V 10% (AF8557)
C105	CAPACITOR CERAMIC SMD0805 NOT FITTED
C106	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C107	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C108	CAPACITOR CERAMIC SMD0805 2.2UF X7R 16V 10% (KERMIT-C0805C225K4RAC)(AF9329)
C110	CAPACITOR CERAMIC SMD0805 2.2UF X7R 16V 10% (KERMIT-C0805C225K4RAC)(AF9329)
C115	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C116	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)

C117	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
CN1	SIL 5 M STRT NF
CN2	TOBY 5900-W-RT-04 (AL8218)
CN3	Connector IDC,Molex Type 0.1" Pitch SIL 4 pins
CN4	Connector BOX,Molex Type 0.1" Pitch 5x2 pins (AL4662)
CN5	SIL 5 M STRT NF
CN6	NOT FITTED SIL 8 M STRT
CN7	Connector IDC,Molex Type 0.1" Pitch SIL 8 pins flush mount (AL6853)
CN14	Connector IDC,Molex Type 0.1" Pitch 13x2 pins LCK(AL8887)
D1_1-2	DIODE SMD BAV70 (AE6309)
D1_3-4	DIODE SMD BAV70 (AE6309)
D1_5-6	DIODE SMD BAV70 (AE6309)
D1_7-8	DIODE SMD BAV70 (AE6309)
D1_9-10	DIODE SMD BAV70 (AE6309)
D1_11-12	DIODE SMD BAV70 (AE6309)
D1_13-14	DIODE SMD BAV70 (AE6309)
D1_15-16	DIODE SMD BAV70 (AE6309)
D1_17-18	DIODE SMD BAV70 (AE6309)
D1_19-20	DIODE SMD BAV70 (AE6309)
D1_21-22	DIODE SMD BAV70 (AE6309)
D1_23-24	DIODE SMD BAV70 (AE6309)
D2_1-2	DIODE SMD BAV70 (AE6309)
D2_3-4	DIODE SMD BAV70 (AE6309)
D2_5-6	DIODE SMD BAV70 (AE6309)
D2_7-8	DIODE SMD BAV70 (AE6309)
D2_9-10	DIODE SMD BAV70 (AE6309)
D2_11-12	DIODE SMD BAV70 (AE6309)
D2_13-14	DIODE SMD BAV70 (AE6309)
D2_15-16	DIODE SMD BAV70 (AE6309)
D2_17-18	DIODE SMD BAV70 (AE6309)
D2_19-20	DIODE SMD BAV70 (AE6309)
D2_21-22	DIODE SMD BAV70 (AE6309)
D2_23-24	DIODE SMD BAV70 (AE6309)
D3	DIODE SMD BAV70 (AE6309)
D4	DIODE SQ045 SCHOTTKY (AE3934)
D5	DIODE SMD MBR230LSFT1 SCHOTTKY ONSEMI 2A 30V (AE8836)
F1	FUSE SMD POLYFUSE RESETTABLE 0.5A WICKMAN (AL6307)
F2	FUSE SMD POLYFUSE RESETTABLE 0.5A WICKMAN (AL6307)
F3	FUSE SMD POLYFUSE RESETTABLE 0.5A WICKMAN (AL6307)
F4	FUSE SMD POLYFUSE RESETTABLE 0.5A WICKMAN (AL6307)
F5	FUSE SMD POLYFUSE RESETTABLE 0.5A WICKMAN (AL6307)
F10	FUSE SMD POLYFUSE RESETTABLE 0.5A WICKMAN (AL6307)
F11	FUSE SMD POLYFUSE RESETTABLE 0.5A WICKMAN (AL6307)
JP1	JUMP 2 OPTION LINK (AL8068)
L1	FERRITE BEAD SMD0805 250mA 300R @ 100MHz TYCO (AM6909)
L2	IND SMD-DO5010P-223HCB(COILCRAFT) 22UH 7A (AM6374)
L3	NF IND SMD-DO5010P
L4	INDUCTOR COILCRAFT MSS1038-223ML 22UH (AM8646)
LD1	LED SMD SUN YELLOW 1106 (AE5948)
LD2	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD3	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD4	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD5	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD6	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD7	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD8	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD9	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD10	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD11	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD12	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD13	LED SMD LITEON BLU (LTST-C930TBKT) 1210 (AE9308)
LD14	LED SMD LITEON BLU (LTST-C930TBKT) 1210 (AE9308)
LD15	LED SMD LITEON BLU (LTST-C930TBKT) 1210 (AE9308)
LD16	LED SMD LITEON BLU (LTST-C930TBKT) 1210 (AE9308)
LD17	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD18	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD19	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)

LD20	LED SMD LITEON BLU (LTST-C930TBKT) 1210 (AE9308)
LD21	LED SMD LITEON BLU (LTST-C930TBKT) 1210 (AE9308)
LD22	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD23	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD24	LED SMD SUN YEL (XZMYK147W) 1210 (AE9307)
LD25	LED SMD LITEON BLU (LTST-C930TBKT) 1210 (AE9308)
LD26	NF LED SMD 1210
LD27	NF LED SMD 1210
Q1_1-2	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_3-4	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_5-6	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_7-8	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_9-10	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_11-12	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_13-14	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_15-16	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_17-18	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_19-20	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_21-22	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q1_23-24	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_1-2	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_3-4	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_5-6	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_7-8	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_9-10	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_11-12	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_13-14	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_15-16	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_17-18	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_19-20	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_21-22	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q2_23-24	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q3_1-2	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_3-4	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_5-6	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_7-8	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_9-10	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_11-12	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_13-14	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_15-16	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_17-18	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_19-20	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_21-22	TRANSISTOR SMD BC848B NPN (AE3332)
Q3_23-24	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_1-2	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_3-4	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_5-6	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_7-8	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_9-10	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_11-12	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_13-14	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_15-16	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_17-18	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_19-20	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_21-22	TRANSISTOR SMD BC848B NPN (AE3332)
Q4_23-24	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_1-2	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_3-4	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_5-6	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_7-8	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_9-10	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_11-12	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_13-14	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_15-16	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_17-18	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_19-20	TRANSISTOR SMD BC848B NPN (AE3332)
Q5_21-22	TRANSISTOR SMD BC848B NPN (AE3332)

Q5_23-24	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_1-2	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_3-4	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_5-6	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_7-8	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_9-10	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_11-12	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_13-14	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_15-16	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_17-18	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_19-20	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_21-22	TRANSISTOR SMD BC848B NPN (AE3332)
Q6_23-24	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_1-2	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_3-4	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_5-6	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_7-8	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_9-10	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_11-12	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_13-14	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_15-16	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_17-18	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_19-20	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_21-22	TRANSISTOR SMD BC848B NPN (AE3332)
Q7_23-24	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_1-2	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_3-4	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_5-6	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_7-8	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_9-10	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_11-12	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_13-14	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_15-16	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_17-18	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_19-20	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_21-22	TRANSISTOR SMD BC848B NPN (AE3332)
Q8_23-24	TRANSISTOR SMD BC848B NPN (AE3332)
Q9_1-2	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_3-4	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_5-6	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_7-8	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_9-10	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_11-12	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_13-14	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_15-16	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_17-18	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_19-20	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_21-22	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q9_23-24	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_1-2	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_3-4	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_5-6	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_7-8	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_9-10	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_11-12	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_13-14	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_15-16	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_17-18	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_19-20	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_21-22	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q10_23-24	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q11_1-2	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_3-4	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_5-6	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_7-8	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_9-10	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_11-12	TRANSISTOR SMD BC848B NPN (AE3332)

Q11_13-14	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_15-16	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_17-18	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_19-20	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_21-22	TRANSISTOR SMD BC848B NPN (AE3332)
Q11_23-24	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_1-2	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_3-4	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_5-6	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_7-8	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_9-10	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_11-12	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_13-14	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_15-16	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_17-18	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_19-20	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_21-22	TRANSISTOR SMD BC848B NPN (AE3332)
Q12_23-24	TRANSISTOR SMD BC848B NPN (AE3332)
Q13	TRANSISTOR SMD BC848B NPN (AE3332)
Q14	TRANSISTOR SMD BC848B NPN (AE3332)
Q15	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q16	TRANSISTOR SMD AO6604 DUAL MOSFET (AE8413)
Q17	TRANSISTOR SMD BC848B NPN (AE3332)
Q18	TRANSISTOR SMD BC848B NPN (AE3332)
Q19	TRANSISTOR SMD BC848B NPN (AE3332)
Q20	TRANSISTOR SMD BC848B NPN (AE3332)
Q21	TRANSISTOR NPN BC848B (AE3332)
Q22	TRANSISTOR NPN BC848B (AE3332)
Q23	TRANSISTOR NPN BC848B (AE3332)
Q24	TRANSISTOR NPN BC848B (AE3332)
Q25	TRANSISTOR NPN BC848B (AE3332)
R1	RESISTOR SMD NOT FITTED 0402
R2	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R3	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)
R4	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R5	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R6	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R7	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R8	RESISTOR METAL FILM SMD0805 100R 1% (AC3054)
R9	RESISTOR METAL FILM SMD0805 100R 1% (AC3054)
R10	RESISTOR METAL FILM SMD0805 120R 1% (AC3055)
R11	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R12	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R13	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R14	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R15	RESISTOR CARBON SMD0402 0R0 (AC7350)
R16	RESISTOR CARBON SMD0402 82R 1% (AC7355)
R17	RESISTOR SMD NOT FITTED 0402
R18	RESISTOR CARBON SMD0402 0R0 (AC7350)
R19	RESISTOR CARBON SMD0402 0R0 (AC7350)
R20	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R21	RESISTOR CARBON SMD0402 0R0 (AC7350)
R22	RESISTOR METAL FILM SMD0805 1M0 1% (AC2904)
R23	RESISTOR CARBON SMD0402 0R0 (AC7350)
R24	RESISTOR CARBON SMD0805 0R0 5% (AC2838)
R25	RESISTOR CARBON SMD0402 0R0 (AC7350)
R26	RESISTOR SMD NOT FITTED 0805
R27	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R28	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R29	RESISTOR CARBON SMD0402 0R0 (AC7350)
R30	RESISTOR CARBON SMD0402 0R0 (AC7350)
R31	RESISTOR CARBON SMD0402 0R0 (AC7350)
R32	RESISTOR SMD NOT FITTED 0402
R33	RESISTOR SMD NOT FITTED 0402
R34	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R35	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R36	RESISTOR CARBON SMD0402 100R 1% (AC7356)

R37	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R38	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R39	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R40	RESISTOR SMD NOT FITTED 0402
R41	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R42	RESISTOR SMD NOT FITTED 0402
R43	RESISTOR METAL FILM SMD0805 4K7 1% (AC3062)
R44	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R45	RESISTOR CARBON SMD0402 0R0 (AC7350)
R46	RESISTOR CARBON SMD0402 0R0 (AC7350)
R47	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R48	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R49	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R50	RESISTOR SMD NOT FITTED 0402
R51	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R52	RESISTOR SMD NOT FITTED 0402
R53	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R54	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R55	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R56	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R57	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R58	RESISTOR CARBON SMD0402 0R0 (AC7350)
R59	RESISTOR SMD NOT FITTED 1206
R60	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R61	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R62	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R63	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R64	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R65	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R66	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R67	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R68	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R69	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R70	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R71	RESISTOR SMD NOT FITTED 1206
R72	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R73	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R74	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R75	RESISTOR SMD NOT FITTED 1206
R76_1-2	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_3-4	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_5-6	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_7-8	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_9-10	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_11-12	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_13-14	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_15-16	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_17-18	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_19-20	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_21-22	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R76_23-24	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R77	RESISTOR SMD NOT FITTED 1206
R78	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R79	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R80	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R81_1-2	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_3-4	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_5-6	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_7-8	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_9-10	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_11-12	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_13-14	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_15-16	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_17-18	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_19-20	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_21-22	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R81_23-24	RESISTOR CARBON SMD0402 1K0 1% (AC7404)

R82_1-2	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_3-4	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_5-6	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_7-8	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_9-10	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_11-12	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_13-14	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_15-16	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_17-18	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_19-20	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_21-22	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R82_23-24	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R83	RESISTOR CARBON SMD1206 0R0 5% (AC3025)
R84	RESISTOR CARBON SMD0402 0R0 (AC7350)
R85	RESISTOR CARBON SMD0402 0R0 (AC7350)
R86	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R87	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R88	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R89	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R90	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R91	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R92	RESISTOR SMD NOT FITTED 1206
R93_1-2	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_3-4	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_5-6	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_7-8	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_9-10	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_11-12	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_13-14	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_15-16	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_17-18	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_19-20	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_21-22	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R93_23-24	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R94	RESISTOR CARBON SMD0402 0R0 (AC7350)
R95	RESISTOR METAL SMD0402 47K 0.5% (AC8482)
R96	RESISTOR METAL SMD0402 15K 0.5% (AC8476)
R97	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R98	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R99_1-2	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_3-4	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_5-6	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_7-8	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_9-10	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_11-12	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_13-14	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_15-16	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_17-18	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_19-20	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_21-22	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R99_23-24	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_1-2	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_3-4	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_5-6	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_7-8	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_9-10	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_11-12	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_13-14	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_15-16	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_17-18	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_19-20	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_21-22	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R100_23-24	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R101_1-2	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R101_3-4	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R101_5-6	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R101_7-8	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)

R106_23-24	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R107_1-2	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_3-4	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_5-6	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_7-8	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_9-10	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_11-12	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_13-14	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_15-16	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_17-18	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_19-20	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_21-22	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R107_23-24	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_1-2	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_3-4	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_5-6	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_7-8	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_9-10	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_11-12	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_13-14	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_15-16	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_17-18	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_19-20	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_21-22	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R108_23-24	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R109	RESISTOR SMD NOT FITTED 1206
R110_1-2	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_3-4	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_5-6	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_7-8	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_9-10	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_11-12	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_13-14	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_15-16	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_17-18	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_19-20	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_21-22	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R110_23-24	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_1-2	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_3-4	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_5-6	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_7-8	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_9-10	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_11-12	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_13-14	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_15-16	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_17-18	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_19-20	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_21-22	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R111_23-24	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R112_1-2	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_3-4	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_5-6	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_7-8	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_9-10	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_11-12	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_13-14	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_15-16	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_17-18	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_19-20	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_21-22	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R112_23-24	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R113_1-2	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_3-4	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_5-6	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_7-8	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_9-10	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)

R113_11-12	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_13-14	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_15-16	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_17-18	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_19-20	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_21-22	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R113_23-24	RESISTOR METAL SMD0402 3K3 0.5% (AC8470)
R114_1-2	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_3-4	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_5-6	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_7-8	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_9-10	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_11-12	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_13-14	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_15-16	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_17-18	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_19-20	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_21-22	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R114_23-24	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_1-2	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_3-4	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_5-6	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_7-8	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_9-10	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_11-12	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_13-14	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_15-16	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_17-18	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_19-20	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_21-22	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R115_23-24	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R116	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R117	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R118	RESISTOR SMD NOT FITTED 1206
R119	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R120	RESISTOR SMD NOT FITTED 1206
R121	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R122	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R124	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R125	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R128	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R129	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R130	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R131	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R132	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R133	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R134	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R135	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R136	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R137	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R138	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R139	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R140	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R141	RESISTOR METAL SMD0402 68K 0.5% (AC8484)
R142	RESISTOR METAL SMD0402 12K 0.5% (AC8475)
R143	RESISTOR METAL SMD0402 6K8 0.5% (AC8473)
R144	RESISTOR CARBON SMD0805 56K 5% (AC4545)
R145	RESISTOR SMD NOT FITTED 0402
R146	RESISTOR SMD NOT FITTED 0402
R147	RESISTOR SMD NOT FITTED 0402
R148	RESISTOR SMD NOT FITTED 0805
R149	RESISTOR SMD NOT FITTED 0402
R150	RESISTOR WIRE WOUND 0R22 2.5W 5% (AC5251)
R151	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R152	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R153	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R154	RESISTOR CARBON SMD0402 68R 1% (AC7354)

R155	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R156	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R157	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R158	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R159	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R160	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R161	RESISTOR SMD NOT FITTED 1206
R162	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R163	RESISTOR SMD NOT FITTED 1206
R164	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R165	RESISTOR SMD NOT FITTED 1206
R166	RESISTOR SMD NOT FITTED 1206
R167	RESISTOR SMD NOT FITTED 1206
R168	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R169	RESISTOR METAL SMD0402 2K7 0.5% (AC8469)
R170	RESISTOR METAL SMD0402 2K7 0.5% (AC8469)
R171	RESISTOR METAL SMD0805 8K2 1% (AC5017)
R172	RESISTOR METAL SMD0805 820R 1% (AC5491)
R173	RESISTOR METAL SMD0805 8K2 1% (AC5017)
R174	RESISTOR METAL SMD0805 820R 1% (AC5491)
R175	RESISTOR CARBON SMD0805 1K8 1% (AC3060)
R176	RESISTOR METAL SMD0805 8K2 1% (AC5017)
R177	RESISTOR METAL FILM SMD0805 2K2 1% (AC0370)
R178	RESISTOR METAL SMD0805 820R 1% (AC5491)
R179	RESISTOR METAL SMD0402 2K7 0.5% (AC8469)
R180	RES SMD 15K 1% 0805 METAL FILM AC5050
R181	RESISTOR METAL FILM SMD0805 680R 1% (AC3058)
R182	RESISTOR METAL SMD0402 2K7 0.5% (AC8469)
R183	RESISTOR METAL SMD0805 8K2 1% (AC5017)
R184	RESISTOR CARBON SMD0805 15K 5% (AC3486)
R185	RESISTOR METAL SMD0805 820R 1% (AC5491)
R186	RESISTOR METAL FILM SMD0805 680R 1% (AC3058)
R187	RESISTOR METAL SMD0402 2K7 0.5% (AC8469)
R188	RESISTOR METAL SMD0805 8K2 1% (AC5017)
R189	RES SMD 15K 1% 0805 METAL FILM AC5050
R190	RESISTOR METAL SMD0805 820R 1% (AC5491)
R191	RESISTOR METAL FILM SMD0805 680R 1% (AC3058)
R192	RESISTOR METAL FILM SMD0805 1K2 1% (AC3059)
R193	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)
R194	RESISTOR SMD NOT FITTED 0805
R195	RESISTOR SMD NOT FITTED 0805
R196	RESISTOR SMD NOT FITTED 0805
R198	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R199	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R200	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R201	RESISTOR CARBON SMD0402 0R0 (AC7350)
R202	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R203	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R204	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R205	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R206	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R208	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R209	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R210	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R211	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R212	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R213	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R214	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R215	RESISTOR CARBON SMD0402 100R 1% (AC7356)
R217	RESISTOR SMD NOT FITTED 0805
R218	RESISTOR SMD NOT FITTED 0805
R219	RESISTOR SMD NOT FITTED 0805
R220	RESISTOR SMD NOT FITTED 0805
R221	RESISTOR SMD NOT FITTED 0805
R222	RESISTOR SMD NOT FITTED 0805
R223	RESISTOR SMD NOT FITTED 0805
R224	RESISTOR SMD NOT FITTED 0805

R225	RESISTOR SMD NOT FITTED 0805
R226	RESISTOR SMD NOT FITTED 0805
R229	RESISTOR CARBON SMD0805 0R0 5% (AC2838)
R230	RESISTOR CARBON SMD0805 0R0 5% (AC2838)
R364	RESISTOR CARBON SMD0402 0R0 (AC7350)
R424	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R425	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R426	RESISTOR CARBON SMD0402 33R 1% (AC7353)
TP1	TEST POINT
TP2	TEST POINT
TP3	TEST POINT
U1	REG SMD LD1117-ADJ SOT-223 (AE6931)
U2	IC SMD STM32F205RBT6 32 BIT MCU (AE9320)
U3	IC SMD 74AHC541PW OCTAL BUFFER/LINE DRIVERS (AE7596)
U4	IC SMD 74AHC541PW OCTAL BUFFER/LINE DRIVERS (AE7596)
U5	IC SMD 74HC4052PW 4CH MUX/DEMUX (AE8416)
U6	IC SMD 74AHC595PW SHIFT REG (AE9319)
U7	IC SMD 74AHC541PW OCTAL BUFFER/LINE DRIVERS (AE7596)
U8	IC SMD 74AHC595PW SHIFT REG (AE9319)
U9	IC SMD 74AHC595PW SHIFT REG (AE9319)
U11	IC SMD 74AHC541PW OCTAL BUFFER/LINE DRIVERS (AE7596)
U12	IC SMD 74HC4052PW 4CH MUX/DEMUX (AE8416)
U13	IC SMD 74HC4052PW 4CH MUX/DEMUX (AE8416)
U14	IC SMD 74AHC595PW SHIFT REG (AE9319)
U15	IC SMD 74AHC595PW SHIFT REG (AE9319)
U16	IC SMD 74AHC595PW SHIFT REG (AE9319)
U17	IC SMD 74AHC595PW SHIFT REG (AE9319)
U18	IC SMD 74AHC595PW SHIFT REG (AE9319)
U19	IC SMD 74AHC595PW SHIFT REG (AE9319)
U20	IC SMD 74AHC595PW SHIFT REG (AE9319)
U21	IC SMD AOZ1280 STEP DOWN BUCK CONVERTER (AE8933)
U22	IC SMD AOZ1038PI 6A BUCKRegulator(AE9096)
U23	
U24	IC SMD 74AHC541PW OCTAL BUFFER/LINE DRIVERS (AE7596)
U25	IC SMD 74AHC595PW SHIFT REG (AE9319)
U26	IC SMD 74AHC595PW SHIFT REG (AE9319)
U27	IC SMD 74AHC595PW SHIFT REG (AE9319)
U28	IC SMD 74AHC541PW OCTAL BUFFER/LINE DRIVERS (AE7596)
U29	IC SMD 74AHC595PW SHIFT REG (AE9319)
U30	IC SMD 74AHC1G126 SINGLE TRISTATE BUFFER (AE5876)
VR1_1-2	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_3-4	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_5-6	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_7-8	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_9-10	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_11-12	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_13-14	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_15-16	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_17-18	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_19-20	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_21-22	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR1_23-24	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_1-2	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_3-4	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_5-6	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_7-8	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_9-10	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_11-12	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_13-14	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_15-16	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_17-18	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_19-20	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_21-22	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR2_23-24	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
VR3	FADER ALPS 100MM 10KB 5V MOTOR(V2) (AI8649)
X1	SMD CRYSTAL 8 MHz (xxxx) (AE7519)