

NEW ACE BOM (R3.0)

Ref. Des	Value	Mfg Part Number	Manufacturer	Description
C1	0.022uF	EMK105B223K	TAIYO YUDEN	CAP.CER.0.022UF.16V.10%.X7R.0402
C2	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C3	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C4	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C5	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C6	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C7	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C8	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C9	10u/10V	LMK316F106ZL	Taiyo Yuden	10uF 1206 SM CERAMIC CAPACITOR
C10	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C11	15pF	UMK105CH150J	TAIYO YUDEN	CAP.CER.15PF.50V.5%.+/-60PPM.0402
C12	15pF	UMK105CH150J	TAIYO YUDEN	CAP.CER.15PF.50V.5%.+/-60PPM.0402
C13	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C14	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C15	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C16	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C17	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C18	10u/10V	LMK316F106ZL	Taiyo Yuden	10uF 1206 SM CERAMIC CAPACITOR
C19	0u33	UMK107CH334J	TAIYO YUDEN	0.33uF/50V 0603 SM CERAMIC CAPACITOR
C20	0u33	UMK107CH334J	TAIYO YUDEN	0.33uF/50V 0603 SM CERAMIC CAPACITOR
C21	0u33	UMK107CH334J	TAIYO YUDEN	0.33uF/50V 0603 SM CERAMIC CAPACITOR
C22	0u33	UMK107CH334J	TAIYO YUDEN	0.33uF/50V 0603 SM CERAMIC CAPACITOR
C23	0u33	UMK107CH334J	TAIYO YUDEN	0.33uF/50V 0603 SM CERAMIC CAPACITOR
C24	0u33	UMK107CH334J	TAIYO YUDEN	0.33uF/50V 0603 SM CERAMIC CAPACITOR
C25	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C26	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C27	4u7/25V	TMK316F475ZG	TAIYO YUDEN	4.7uF 1206 SM CERAMIC CAPACITOR
C28	1uF/6.3V	JMK107F105Z	TAIYO YUDEN	1uF/6.3V 0603 SM CERAMIC CAPACITOR
C29	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C30	10u/10V	LMK316F106ZL	Taiyo Yuden	10uF 1206 SM CERAMIC CAPACITOR
C31	1pF	UMK105C010C	TAIYO YUDEN	1pF/50V 0402 SM CERAMIC CAPACITOR
C32	10u/10V	LMK316F106ZL	Taiyo Yuden	10uF 1206 SM CERAMIC CAPACITOR
C33	10u/10V	LMK316F106ZL	Taiyo Yuden	10uF 1206 SM CERAMIC CAPACITOR
C34	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C35	10u/10V	LMK316F106ZL	Taiyo Yuden	10uF 1206 SM CERAMIC CAPACITOR
C36	10u/10V	LMK316F106ZL	Taiyo Yuden	10uF 1206 SM CERAMIC CAPACITOR
C37	10u/10V	LMK316F106ZL	Taiyo Yuden	10uF 1206 SM CERAMIC CAPACITOR
C38	47uF/6.3V	T491C686M006AS	KEMET	47uF TANT LOW PROFILE C-CASE SM CAPACITOR
C39	0u33	UMK107CH334J	TAIYO YUDEN	0.33uF/50V 0603 SM CERAMIC CAPACITOR
C40	4u7/25V	TMK316F475ZG	TAIYO YUDEN	4.7uF 1206 SM CERAMIC CAPACITOR
C41	33pF	UMK107CH330J	TAIYO YUDEN	33pF/50V 0603 SM CERAMIC CAPACITOR
C42	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C43	4u7/25V	TMK316F475ZG	TAIYO YUDEN	4.7uF 1206 SM CERAMIC CAPACITOR
C44	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C45	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C46	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C47	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C48	220pF	NFA62R00C221T1	MURATA	220pF/50V FEEDTHRU SM CAPACITOR ARRAY
C49	220pF	NFA62R00C221T1	MURATA	220pF/50V FEEDTHRU SM CAPACITOR ARRAY
C50	220pF	NFA62R00C221T1	MURATA	220pF/50V FEEDTHRU SM CAPACITOR ARRAY
C51	0.2uF	NFM41P11C204	MURATA	FILTER CAPACITOR
C52	6pF	UMK107CH060D	TAIYO YUDEN	6pF/50V 0603 SM CERAMIC CAPACITOR
C53	0.2uF	NFM41P11C204	MURATA	FILTER CAPACITOR
C54	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C55	100pF	TMK105CH101J	TAIYO YUDEN	100pF/25V 0402 SM CERAMIC CAPACITOR
C56	100pF	TMK105CH101J	TAIYO YUDEN	100pF/25V 0402 SM CERAMIC CAPACITOR
C57	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C58	4u7/25V	TMK316F475ZG	TAIYO YUDEN	4.7uF 1206 SM CERAMIC CAPACITOR
C59	1nF	UMK105B102M	TAIYO YUDEN	1nF/50V 0402 SM CERAMIC CAPACITOR
C61	1pF	UMK107C010C	TAIYO YUDEN	1pF/50V 0603 SM CERAMIC CAPACITOR
C62	1uF/6.3V	JMK107F105Z	TAIYO YUDEN	1uF/6.3V 0603 SM CERAMIC CAPACITOR
C63	4u7/25V	TMK316F475ZG	TAIYO YUDEN	4.7uF 1206 SM CERAMIC CAPACITOR
C64	4u7/25V	TMK316F475ZG	TAIYO YUDEN	4.7uF 1206 SM CERAMIC CAPACITOR
C65	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C66	4u7/25V	TMK316F475ZG	TAIYO YUDEN	4.7uF 1206 SM CERAMIC CAPACITOR
C67	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C68	18pF	UMK105CH180J	TAIYO YUDEN	18pF/50V 0402 SM CERAMIC CAPACITOR
C69	160pF	TMK105SL161J	TAIYO YUDEN	160pF/25V 0402 SM CERAMIC CAPACITOR
C70	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C71	33pF	UMK107CH330J	TAIYO YUDEN	33pF/50V 0603 SM CERAMIC CAPACITOR
C72	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C73	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C74	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C75	33pF	UMK107CH330J	TAIYO YUDEN	33pF/50V 0603 SM CERAMIC CAPACITOR
C76	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C77	16pF	UMK105CH160J	TAIYO YUDEN	16pF/50V 0402 SM CERAMIC CAPACITOR
C78	0.1uF	TMK107F104Z	TAIYO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACITOR
C79	1nF	UMK105B102M	TAIYO YUDEN	1nF/50V 0402 SM CERAMIC CAPACITOR
C80	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C81	62pF	UMK105CH620J	TAIYO YUDEN	62pF/50V 0402 SM CERAMIC CAPACITOR
C82	150pF	TMK105SL151J	TAIYO YUDEN	150pF/25V 0402 SM CERAMIC CAPACITOR
C83	220pF	EMK105CH221K	TAIYO YUDEN	220pF/16V 0402 SM CERAMIC CAPACITOR
C84	1nF	UMK105B102M	TAIYO YUDEN	1nF/50V 0402 SM CERAMIC CAPACITOR
C85	4pF	UMK105CH040C	TAIYO YUDEN	4pF/50V 0402 SM CERAMIC CAPACITOR
C86	62pF	UMK105CH620J	TAIYO YUDEN	62pF/50V 0402 SM CERAMIC CAPACITOR
C87	62pF	UMK105CH620J	TAIYO YUDEN	62pF/50V 0402 SM CERAMIC CAPACITOR
C88	1.2pF	GRM39COG1R2C50	MURATA	1.2pF/50V 0603 SM CERAMIC CAPACITOR
C89	12pF	UMK105CH120J	TAIYO YUDEN	12pF/50V 0402 SM CERAMIC CAPACITOR
C90	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C91	100pF	TMK105CH101J	TAIYO YUDEN	100pF/25V 0402 SM CERAMIC CAPACITOR
C92	100pF	TMK105CH101J	TAIYO YUDEN	100pF/25V 0402 SM CERAMIC CAPACITOR
C93	0.01uF	EMK105B103M	TAIYO YUDEN	0.01uF/16V 0402 SM CERAMIC CAPACITOR
C94	0u1	UMK316B104K	Taiyo Yuden	0.1uF 1206 SM CERAMIC CAPACITOR
C95	22nF	UMK212BJ223K	TAIYO YUDEN	22nF/50V 0805 SM CERAMIC CAPACITOR
C96	1nF	UMK105B102M	TAIYO YUDEN	1nF/50V 0402 SM CERAMIC CAPACITOR

C97	0.01uF	EMK1058102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C98	0.1uF	TMK107F104Z	TAIVO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACTOR
C99	1000pF	TMK105GH101J	TAIVO YUDEN	1000pF/25V 0402 SM CERAMIC CAPACTOR
C100	1000pF	EMK105B102M	TAIVO YUDEN	1000pF/25V 0402 SM CERAMIC CAPACTOR
C101	1000pF	TMK105GH101J	TAIVO YUDEN	1000pF/25V 0402 SM CERAMIC CAPACTOR
C102	1000pF	TMK105GH101J	TAIVO YUDEN	1000pF/25V 0402 SM CERAMIC CAPACTOR
C103	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C104	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C105	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C106	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C107	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C108	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C109	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C110	2200pF	TMK107C2H21J	TAIVO YUDEN	2200pF/50V 0603 SM CERAMIC CAPACTOR
C111	0.1uF	TMK107F104Z	TAIVO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACTOR
C112	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C113	1000pF	TMK316F47Z2G	TAIVO YUDEN	1000pF/25V 0402 SM CERAMIC CAPACTOR
C114	447/25V	TMK107CK1R3C	TAIVO YUDEN	4.7uF 1206 SM CERAMIC CAPACTOR
C115	1.5pF	EMK105GH101J	TAIVO YUDEN	1.5pF/50V 0603 SM CERAMIC CAPACTOR
C116	1000pF	TMK105GH101J	TAIVO YUDEN	1000pF/25V 0402 SM CERAMIC CAPACTOR
C117	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C118	49pF	TMK105GH101C	TAIVO YUDEN	49pF/50V 0603 SM CERAMIC CAPACTOR
C119	49pF	EMK105B102M	TAIVO YUDEN	49pF/50V 0402 SM CERAMIC CAPACTOR
C120	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C121	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C122	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C123	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C124	69pF	EMK105GH101C	TAIVO YUDEN	69pF/50V 0402 SM CERAMIC CAPACTOR
C125	1nF	EMK105GH101C	TAIVO YUDEN	1nF/50V 0603 SM CERAMIC CAPACTOR
C126	1nF	TMK107F104Z	TAIVO YUDEN	1nF/50V 0603 SM CERAMIC CAPACTOR
C127	0.1uF	TMK107F104Z	TAIVO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACTOR
C128	1uF/6.3V	JMK107F105Z	TAIVO YUDEN	1uF/6.3V 0603 SM CERAMIC CAPACTOR
C129	1uF/6.3V	JMK107F105Z	TAIVO YUDEN	1uF/6.3V 0603 SM CERAMIC CAPACTOR
C130	1uF/6.3V	JMK107F105Z	TAIVO YUDEN	1uF/6.3V 0603 SM CERAMIC CAPACTOR
C131	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C132	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C133	1uF/6.3V	JMK107F105Z	TAIVO YUDEN	1uF/6.3V 0603 SM CERAMIC CAPACTOR
C134	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C135	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C136	22pF	EMK105GH101C	TAIVO YUDEN	22pF/50V 0402 SM CERAMIC CAPACTOR
C137	89pF	EMK105GH101C	TAIVO YUDEN	89pF/50V 0402 SM CERAMIC CAPACTOR
C138	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C139	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C140	33nF	EMK105F333Z	TAIVO YUDEN	33nF/1.6V 0402 SM CERAMIC CAPACTOR
C141	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C142	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C143	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C144	1nF	EMK105B102M	TAIVO YUDEN	1nF/50V 0402 SM CERAMIC CAPACTOR
C145	447/25V	TMK316F47Z2G	TAIVO YUDEN	4.7uF 1206 SM CERAMIC CAPACTOR
C146	0.1uF	TMK107F104Z	TAIVO YUDEN	0.1uF/25V 0603 SM CERAMIC CAPACTOR
C147	0.01uF	EMK105B102M	TAIVO YUDEN	0.01uF/1.6V 0402 SM CERAMIC CAPACTOR
C148	125pF	EMK105GH125U	TAIVO YUDEN	125pF/50V 0402 SM CERAMIC CAPACTOR
C149	1000pF	TMK105GH101J	TAIVO YUDEN	1000pF/25V 0402 SM CERAMIC CAPACTOR
C150	0.2pF	EMK105GH101C	TAIVO YUDEN	0.2pF/50V 0603 SM CERAMIC CAPACTOR
D1	5.6V	UD25 88	ROHM	5.6V ZENER DIODE SOD-323 PKG
D2	5.6V	UD25 88	ROHM	5.6V ZENER DIODE SOD-323 PKG
D3	5.6V	UD25 88	ROHM	5.6V ZENER DIODE SOD-323 PKG
D4	5.6V	UD25 88	ROHM	5.6V ZENER DIODE SOD-323 PKG
D5	5.6V	UD25 88	ROHM	5.6V ZENER DIODE SOD-323 PKG
D6	5.6V	UD25 88	ROHM	5.6V ZENER DIODE SOD-323 PKG
D7	5.6V	UD25 88	ROHM	5.6V ZENER DIODE SOD-323 PKG
D8	PHILIPS	B81132	PHILIPS	SM VARACTOR DIODE
D9	ALPHA	SM1125E-011	ALPHA	SM HYPERABRPT VARACTOR DIODE
D10	LM7805	SM-LA8363GR-TR	LM7805	5V REGULATED LINEAR VOLTAGE REGULATOR
F1	MURATA	SACR81 5M470N1TC	MURATA	81V 470NF 5% MULTILAYER CAPACITOR
F2	MURATA	SACR81 5M470N1TC	MURATA	81V 470NF 5% MULTILAYER CAPACITOR
F3	FUJITSU	FAR-D5CB-881W50-D1A1	FUJITSU	50V 500NF 5% MULTILAYER CAPACITOR
F4	FUJITSU	FAR-F5CH-881W50-S2AY	FUJITSU	50V 500NF 5% MULTILAYER CAPACITOR
F5	TOYOCOM	TS2-45A01	TOYOCOM	2-POLE 45MHZ SAW FILTER
F6	MURATA	S4FCR36 5M470N1TC	MURATA	81V 470NF 5% MULTILAYER CAPACITOR
J1	148322 AMP			
J3	IMS	148913 141610.003	IMS	COAXIAL CABLE PADS
J4	IMS	HK21252N1S-T	IMS	COAXIAL CABLE PADS
J6	TAIVO YUDEN	0805G470KTE	TAIVO YUDEN	RECONNECTOR
L1	270H	0805G470KTE	TAIVO YUDEN	2.70H 0805 SM MULTILAYER INDUCTOR
L2	470H	0805G470KTE	TAIVO YUDEN	4.70H 0805 SM MULTILAYER INDUCTOR
L3	6800H	0805G470KTE	TAIVO YUDEN	6800H 0805 SM MULTILAYER INDUCTOR
L4	5800H	LCH3N5H1J4M100	MURATA	5800H WIREWOUND CHIP INDUCTOR
L5	470H	0805G470KTE	TAIVO YUDEN	4.70H 0805 WIREWOUND INDUCTOR
L6	100H	HK212510N1L-T	TAIVO YUDEN	100H 0805 SM MULTILAYER INDUCTOR
L7	2200H	0805G22K1TE	TAIVO YUDEN	2200H 0805 WIREWOUND INDUCTOR
L8	470H	0805G470KTE	TAIVO YUDEN	4.70H 0805 WIREWOUND INDUCTOR
L9	390H	0805G470KTE	TAIVO YUDEN	390H 0805 WIREWOUND INDUCTOR
L10	80R	FBAK231 18H5800-T	TAIVO YUDEN	80 OHM 1206 SM FERRITE
L11	390H	0805G470KTE	TAIVO YUDEN	390H 0805 WIREWOUND INDUCTOR
L12	470H	0805G470KTE	TAIVO YUDEN	4.70H 0805 WIREWOUND INDUCTOR
L13	470H	0805G470KTE	TAIVO YUDEN	4.70H 0805 WIREWOUND INDUCTOR
L14	6800H	0805G98H1KTE	TAIVO YUDEN	6800H 0805 WIREWOUND INDUCTOR
L15	120H	HK212510N1L-T	TAIVO YUDEN	120H 0805 SM MULTILAYER INDUCTOR
L16	120H	HK212510N1L-T	TAIVO YUDEN	120H 0805 SM MULTILAYER INDUCTOR
L17	120H	HK212510N1L-T	TAIVO YUDEN	120H 0805 SM MULTILAYER INDUCTOR
L18	4700H	0805G471KTE	TAIVO YUDEN	4700H 0805 WIREWOUND INDUCTOR
L19	100H	HK212510N1L-T	TAIVO YUDEN	100H 0805 SM MULTILAYER INDUCTOR
L20	180H	HK212518N1L-T	TAIVO YUDEN	180H 0805 SM MULTILAYER INDUCTOR
L21	180H	HK212518N1L-T	TAIVO YUDEN	180H 0805 SM MULTILAYER INDUCTOR
L22	1500H	0805G151KTE	TAIVO YUDEN	1500H 0805 WIREWOUND INDUCTOR
L23	220H	HK21252N1L-T	TAIVO YUDEN	220H 0805 SM MULTILAYER INDUCTOR
L24	600H	HK21252N1L-T	TAIVO YUDEN	600H 0805 SM MULTILAYER INDUCTOR
L25	800H	FBAK231 18H5800-T	TAIVO YUDEN	80 OHM 1206 SM FERRITE
L26	630H	HK21256N8K-T	TAIVO YUDEN	630H 0805 SM MULTILAYER INDUCTOR
L27	100H	HK212510N1L-T	TAIVO YUDEN	100H 0805 SM MULTILAYER INDUCTOR

L28	14H	NL C1210-1-ROHM	TKK	14H WIREWOUND INDUCTOR
L29	35JH	LK2125330M	TAIVO YUDEM	35JH 0805 S/M MULTILAYER INDUCTOR
L30	80R	FBM3216R590M-T	TAIVO YUDEM	80 OHM 1206 S/M FERRITE
Q1		MMB1396BL1T	MOTOROLA	PNP TRANSISTOR
Q3		MMB1396BL1T	MOTOROLA	PNP TRANSISTOR
Q6		2N7002LT1	MOTOROLA	N-CHANNEL 1-MAOS FET
Q7		MMB1396BL1T	MOTOROLA	PNP TRANSISTOR
Q8		MMB1396BL1T	MOTOROLA	PNP TRANSISTOR
Q9		MMB1396BL1T	MOTOROLA	PNP TRANSISTOR
Q10		2N7002LT1	ZELEX	PNP POWER TRANSISTOR
Q11		2N7002LT1	PHILIPS	PNP POWER TRANSISTOR
Q12		2N7002LT1	PHILIPS	PNP POWER TRANSISTOR
Q13		2N7002LT1	PHILIPS	PNP POWER TRANSISTOR
Q14		2N7002LT1	PHILIPS	PNP POWER TRANSISTOR
Q15		2N7002LT1	PHILIPS	PNP POWER TRANSISTOR
Q16		2N7002LT1	PHILIPS	PNP POWER TRANSISTOR
R1	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R2	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R3	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R4	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R5	100K	MCR01MZSJ 104	ROHM	100K OHM 0402 S/M RESISTOR
R6	100K	MCR01MZSJ 104	ROHM	100K OHM 0402 S/M RESISTOR
R7	100K	MCR01MZSJ 104	ROHM	100K OHM 0402 S/M RESISTOR
R8	1K	MCR01MZSJ 102	ROHM	1K OHM 0402 S/M RESISTOR
R9	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R10	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R11	4K7	MCR01MZSJ 472	ROHM	4K7 OHM 0402 S/M RESISTOR
R12	4K7	MCR01MZSJ 472	ROHM	4K7 OHM 0402 S/M RESISTOR
R13	4K7	MCR01MZSJ 472	ROHM	4K7 OHM 0402 S/M RESISTOR
R14	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R15	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R16	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R17	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R18	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R19	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R20	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R21	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R22	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R23	11K	MCR01MZSJ 113	ROHM	11K OHM 0402 S/M RESISTOR
R24	22K	MCR01MZSJ 223	ROHM	22K OHM 0402 S/M RESISTOR
R25	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R26	5K1	MCR01MZSJ 512	ROHM	5K1 OHM 0402 S/M RESISTOR
R27	4K7	MCR01MZSJ 472	ROHM	4K7 OHM 0402 S/M RESISTOR
R28	4K7	MCR01MZSJ 472	ROHM	4K7 OHM 0402 S/M RESISTOR
R29	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R30	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R31	5K1/1%	MCR01MZSF 5101	ROHM	5.1K OHM 0402 S/M RESISTOR
R32	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R33	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R34	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R35	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R36	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R37	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R38	20K	MCR01MZSJ 203	ROHM	20K OHM 0402 S/M RESISTOR
R39	20K	MCR01MZSJ 203	ROHM	20K OHM 0402 S/M RESISTOR
R40	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R41	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R42	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R43	20K	MCR01MZSJ 203	ROHM	20K OHM 0402 S/M RESISTOR
R44	20K	MCR01MZSJ 203	ROHM	20K OHM 0402 S/M RESISTOR
R45	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R46	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R47	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R48	680R	MCR01MZSJ 681	ROHM	680 OHM 0402 S/M RESISTOR
R49	4K3	MCR01MZSJ 382	ROHM	4K3 OHM 0402 S/M RESISTOR
R50	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R51	220K	MCR01MZSJ 224	ROHM	220K OHM 0402 S/M RESISTOR
R52	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R53	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R54	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R55	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R56	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R57	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R58	47K	MCR01MZSJ 473	ROHM	47K OHM 0402 S/M RESISTOR
R59	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R60	100R	MCR01MZSJ 101	ROHM	100 OHM 0402 S/M RESISTOR
R61	20K	MCR01MZSJ 202	ROHM	20K OHM 0402 S/M RESISTOR
R62	10K	MCR01MZSJ 102	ROHM	10K OHM 0402 S/M RESISTOR
R63	10K	MCR01MZSJ 103	ROHM	10K OHM 0402 S/M RESISTOR
R64	100K	MCR01MZSJ 104	ROHM	100K OHM 0402 S/M RESISTOR
R65	100K	MCR01MZSJ 104	ROHM	100K OHM 0402 S/M RESISTOR
R66	9K1	MCR01MZSJ 912	ROHM	9.1K OHM 0402 S/M RESISTOR
R67	7K5	MCR01MZSJ 752	ROHM	7.5K OHM 0402 S/M RESISTOR
R68	150R	MCR01MZSJ 151	ROHM	150 OHM 0402 S/M RESISTOR
R69	330R	MCR01MZSJ 331	ROHM	330 OHM 0402 S/M RESISTOR
R70	470R	MCR01MZSJ 471	ROHM	470 OHM 0402 S/M RESISTOR
R71	22K	MCR01MZSJ 223	ROHM	22K OHM 0402 S/M RESISTOR
R72	22K	MCR01MZSJ 223	ROHM	22K OHM 0402 S/M RESISTOR
R73	820R	MCR01MZSJ 821	ROHM	820 OHM 0402 S/M RESISTOR
R74	51R	MCR01MZSJ 510	ROHM	51 OHM 0402 S/M RESISTOR
R75	180R	MCR01MZSJ 181	ROHM	180 OHM 0402 S/M RESISTOR
R76	5K1	MCR01MZSJ 512	ROHM	5K1 OHM 0402 S/M RESISTOR
R77	1K	MCR01MZSJ 102	ROHM	1K OHM 0402 S/M RESISTOR
R78	30K	MCR01MZSJ 302	ROHM	30K OHM 0402 S/M RESISTOR
R79	180R	MCR01MZSJ 180	ROHM	180 OHM 0402 S/M RESISTOR
R80	18R	MCR01MZSJ 180	ROHM	18 OHM 0402 S/M RESISTOR
R81	270K	MCR01MZSJ 274	ROHM	270K OHM 0402 S/M RESISTOR

R82	100R	MCROMZSJ1 101	ROHM	100 OHM 0.402 5M RESISTOR
R83	10K	MCROMZSJ1 103	ROHM	10K OHM 0.402 5M RESISTOR
R84	487	MCROMZSJ1 487	ROHM	4.7 OHM 0.402 5M RESISTOR
R85	10K	MCROMZSJ1 103	ROHM	10K OHM 0.402 5M RESISTOR
R86	10K	MCROMZSJ1 103	ROHM	10K OHM 0.402 5M RESISTOR
R87	1K	MCROMZSJ1 102	ROHM	1K OHM 0.402 5M RESISTOR
R88	100K	MCROMZSJ1 104	ROHM	100K OHM 0.402 5M RESISTOR
R89	22K	MCROMZSJ1 223	ROHM	22K OHM 0.402 5M RESISTOR
R90	100K	MCROMZSJ1 104	ROHM	100K OHM 0.402 5M RESISTOR
R91	0.2R	SR73K2BTR200U	KOA	0.2 OHM 1.206 5M RESISTOR
R92	1K	MCROMZSJ1 102	ROHM	1K OHM 0.402 5M RESISTOR
R93	10K	MCROMZSJ1 103	ROHM	10K OHM 0.402 5M RESISTOR
R94	10K	MCROMZSJ1 103	ROHM	10K OHM 0.402 5M RESISTOR
R95	3K3	MCROMZSJ1 332	ROHM	3K3 OHM 0.402 5M RESISTOR
R96	100K	MCROMZSJ1 104	ROHM	100K OHM 0.402 5M RESISTOR
R97	10K	MCROMZSJ1 103	ROHM	10K OHM 0.402 5M RESISTOR
R98	1K	MCROMZSJ1 102	ROHM	1K OHM 0.402 5M RESISTOR
R99	18R	MCROMZSJ1 180	ROHM	18 OHM 0.402 5M RESISTOR
R100	487	MCROMZSJ1 487	ROHM	4.7 OHM 0.402 5M RESISTOR
R101	18K	MCROMZSJ1 182	ROHM	18K OHM 0.402 5M RESISTOR
R102	27R	MCROMZSJ1 271	ROHM	27 OHM 0.402 5M RESISTOR
R103	2K2	MCROMZSJ1 222	ROHM	2K2 OHM 0.402 5M RESISTOR
R104	10K	MCROMZSJ1 103	ROHM	10K OHM 0.402 5M RESISTOR
R105	10K	MCROMZSJ1 103	ROHM	10K OHM 0.402 5M RESISTOR
R106	47K	MCROMZSJ1 473	ROHM	47K OHM 0.402 5M RESISTOR
R107	150R	MCROMZSJ1 151	ROHM	150 OHM 0.402 5M RESISTOR
R108	270R	MCROMZSJ1 271	ROHM	270 OHM 0.402 5M RESISTOR
SPFL1	450KHZ	SF3C3G80A4	MURATA	450KHZ IF CERAMIC FILTER
U1	450KHZ	SF3C3G80A4	MURATA	450KHZ IF CERAMIC FILTER
U2		AT29C16-T	ATMEL	2K X 8 CMOS PARALLEL EEPROM
U3	925MHz	VC-3R0A-05-0926	FUJITSU-TOWA	925MHz VCO
U4		XC17128D-508C	Xilinx	128K Serial EPROM
U5		DSP1634-TOPP	AT&T	DSP AND CODEC
U6		MAX596ACUA	MAXIM	+2.5V TO +5.5V LOW POWER, SINGLE-DUAL, 8-BIT VOLTAGE-OUTPUT DACS
U7		LMC7101AIMSX	NATIONAL	SINGLE OP AMP
U8		93LC58X	ROHM	4K X 2 CMOS SERIAL EEPROM
U9	4.5V	MAX328EUK	MAXIM	4.5 VOLT REGULATOR IC
U10				Voltage Inverter
U12	14.85MHz	KXN1388A	MOTOROLA	APEX-4 DCTXO
U13	3 VOLT	TK11230MTL	TOKO	3 VOLT REGULATOR IC
U14	3 VOLT	TK11230MTL	TOKO	3 VOLT REGULATOR IC
U15	3 VOLT	TK11230MTL	TOKO	3 VOLT REGULATOR IC
U16		SA807DK	PHILIPS	LOW VOLT. HIGH PERF. MIXER FM IF SYSTEM
U17		LMC6101	NATIONAL	LOW VOLT. HIGH PERF. MIXER FM IF SYSTEM
U18		UPC2274ST	NEC	LOW VOLT. HIGH PERF. MIXER FM IF SYSTEM
U19	2.4GHz	UPC2274TT	NEC	LOW VOLT. HIGH PERF. MIXER FM IF SYSTEM
U20		UPC2274TT	NEC	LOW VOLT. HIGH PERF. MIXER FM IF SYSTEM
U21		S18653DQ3	SILICONIX	AMPLIFIER IC
U22		ITT333106BD	ITT	DUAL P-CHANNEL MOSFET
U23		LMC7101AIMSX	NATIONAL	1.2 WATT RF POWER AMPLIFIER
U24		LMC7101AIMSX	NATIONAL	SINGLE OP AMP
U25		UPC2274ST	NEC	SINGLE OP AMP
U26		UPC2274TT	NEC	AMPLIFIER IC
U27		UPC2274TT	NEC	AMPLIFIER IC
U28	DUAL OP-AMP	NIM2304M	BURBROWN	DUAL LOW VOLT. SIGNAL AMPLIFIER
X1	29.4912MHz	AD5741E	NEWJRC	IC, ADS741 SERIAL ADC, 12BIT, 4 CH, 16-SSOP
X2	30.0MHz	C-30-000-20-SWML1	PALTRON	DUAL LOW POWER OP AMP 29.4912MHz H180 Series Crystal MHz 5M CRYSTAL 30 MHz CRYSTAL