

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	UMK105CK010C	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
C60	1nF	UMK105B102M	TAIYO YUDEN	1nF/50V 0402 SM CERAMIC CAPACITOR
C61	1pF	UMK107CK010C	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	EMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C98	0.1uF	TMK107F104Z	TAIVO VUDEN	0.1uF7.25V 0.603 SM CERAMIC CAPACTOR
C99	1000pF	TMK105GCH10J	TAIVO VUDEN	100pF7.25V 0.402 SM CERAMIC CAPACTOR
C100	1000pF	TMK105GCH10J	TAIVO VUDEN	100pF7.25V 0.402 SM CERAMIC CAPACTOR
C101	1000pF	TMK105GCH10J	TAIVO VUDEN	100pF7.25V 0.402 SM CERAMIC CAPACTOR
C102	100pF	TMK105GCH10J	TAIVO VUDEN	100pF7.25V 0.402 SM CERAMIC CAPACTOR
C103	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C104	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C105	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C106	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C107	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C108	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C109	40pF	UMK105GCH10J	TAIVO VUDEN	270pF50V 0.603 SM CERAMIC CAPACTOR
C110	0.01uF	UMK107C7H21J	TAIVO VUDEN	0.1uF7.25V 0.603 SM CERAMIC CAPACTOR
C111	0.1uF	TMK107F104Z	TAIVO VUDEN	0.1uF7.25V 0.603 SM CERAMIC CAPACTOR
C112	0.01uF	EMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C113	1000pF	TMK105GCH10J	TAIVO VUDEN	100pF7.25V 0.402 SM CERAMIC CAPACTOR
C114	4uF7.25V	TMK316F475ZG	TAIVO VUDEN	4.7uF 1206 SM CERAMIC CAPACTOR
C115	15pF	UMK107CK1P9C	TAIVO VUDEN	1.5pF50V 0.603 SM CERAMIC CAPACTOR
C116	1000pF	TMK105GCH10J	TAIVO VUDEN	100pF7.25V 0.402 SM CERAMIC CAPACTOR
C117	0.01uF	UMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C118	40pF	UMK107F104Z	TAIVO VUDEN	270pF50V 0.603 SM CERAMIC CAPACTOR
C119	0.01uF	EMK105GCH10C	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C120	0.01uF	EMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C121	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C122	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C123	0.01uF	EMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C124	60pF	UMK105GCH10C	TAIVO VUDEN	60pF50V 0.402 SM CERAMIC CAPACTOR
C125	1uF	UMK107CK1P9C	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C126	0.01uF	UMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C127	0.1uF	TMK107F104Z	TAIVO VUDEN	0.1uF7.25V 0.603 SM CERAMIC CAPACTOR
C128	1uF6.3V	JMK107F105Z	TAIVO VUDEN	1uF6.3V 0.603 SM CERAMIC CAPACTOR
C129	1uF6.3V	JMK107F105Z	TAIVO VUDEN	1uF6.3V 0.603 SM CERAMIC CAPACTOR
C130	1uF6.3V	JMK107F105Z	TAIVO VUDEN	1uF6.3V 0.603 SM CERAMIC CAPACTOR
C131	0.01uF	EMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C132	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C133	1uF6.3V	JMK107F105Z	TAIVO VUDEN	1uF6.3V 0.603 SM CERAMIC CAPACTOR
C134	1uF	UMK105B103M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C135	270pF	UMK105GCH10C	TAIVO VUDEN	270pF50V 0.402 SM CERAMIC CAPACTOR
C136	80pF	UMK105GCH10C	TAIVO VUDEN	80pF50V 0.402 SM CERAMIC CAPACTOR
C137	0.01uF	EMK105GCH10D	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C138	0.01uF	EMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C139	33uF	EMK105F333Z	TAIVO VUDEN	33uF1.6V 0.402 SM CERAMIC CAPACTOR
C140	0.01uF	EMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C141	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C142	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C143	1uF	UMK105B102M	TAIVO VUDEN	1uF50V 0.402 SM CERAMIC CAPACTOR
C144	10pF	TMK316F475ZG	TAIVO VUDEN	4.7uF 1206 SM CERAMIC CAPACTOR
C145	4uF7.25V	TMK107F104Z	TAIVO VUDEN	0.1uF7.25V 0.603 SM CERAMIC CAPACTOR
C146	0.1uF	EMK105B103M	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C147	0.01uF	UMK105GCH12U	TAIVO VUDEN	120pF50V 0.402 SM CERAMIC CAPACTOR
C148	120pF	TMK105GCH10J	TAIVO VUDEN	100pF7.25V 0.402 SM CERAMIC CAPACTOR
C149	1000pF	UMK105GCH10C	TAIVO VUDEN	0.01uF1.6V 0.402 SM CERAMIC CAPACTOR
C150	0.30pF	UMK107CK1P9C	TAIVO VUDEN	0.30pF50V 0.603 SM CERAMIC CAPACTOR
D1	5.0V	UD25_48	ROHM	SM 5.0V ZENER DIODE SOD-323 PKG
D2	5.0V	UD25_48	ROHM	SM 5.0V ZENER DIODE SOD-323 PKG
D3	5.0V	UD25_48	ROHM	SM 5.0V ZENER DIODE SOD-323 PKG
D4	5.0V	UD25_48	ROHM	SM 5.0V ZENER DIODE SOD-323 PKG
D5	5.0V	UD25_48	ROHM	SM 5.0V ZENER DIODE SOD-323 PKG
D6	5.0V	UD25_48	ROHM	SM 5.0V ZENER DIODE SOD-323 PKG
D7	5.0V	UD25_48	PHILIPS	SM VARIATOR DIODE
D8		8B1132	ALPHA	SM HYPERABRUP VARIATOR DIODE
D9		SMJ125S-011	ALPHA	RIGHT ANGLED SM LED - GREEN
P1		SMJ125S-011	ALPHA	RIGHT ANGLED SM LED - GREEN
P2		SMJ125S-011	ALPHA	RIGHT ANGLED SM LED - GREEN
F1		SAC981.5M470N1TC	MURATA	881.5mHz SAW FILTER
F2		SAC981.5M470N1TC	MURATA	881.5mHz SAW FILTER
F3		FAR-05CB-881M50-D1A1	FUITSU	AMP5 DUPLEX FILTER
F4		FAR-15CH-881M50-S2A7	FUITSU	881.5mHz SOFT SAW FILTER
F5	45MHz	TSJ-45A01	TOYOCON	2-POLE 45MHz FILTER
F6		SAC936.5M470N1TC	MURATA	836.5mHz SAW FILTER
J1		1A6322 AMP		PCMCIA 68-PIN FEMALE CONNECTOR
J3				COAXIAL CABLE PAIRS
J4				COAXIAL CABLE PAIRS
J5				COAXIAL CABLE PAIRS
L1	2.7nH	1.699.31.1610.003	IMS	COAXIAL CABLE PAIRS
L2	47nH	HK212520VTS-1	TAIVO VUDEN	2.7nH 0.805 SM MULTILAYER INDUCTOR
L3	680nH	0.085G470KTE	STETCO	47nH 0.805 WIREWOUND INDUCTOR
L4	560nH	LQH315SL104M00	MURATA	680nH 0.805 WIREWOUND INDUCTOR
L5	47nH	0.085G470KTE	STETCO	560nH WIREWOUND CHIP INDUCTOR
L6	10nH	HK212510N1-1	TAIVO VUDEN	47nH 0.805 WIREWOUND INDUCTOR
L7	220nH	0.085G222KTE	STETCO	10nH 0.805 SM MULTILAYER INDUCTOR
L8	10nH	0.085G10KTE	STETCO	220nH 0.805 WIREWOUND INDUCTOR
L9	47nH	0.085G470KTE	TAIVO VUDEN	10nH 0.805 WIREWOUND INDUCTOR
L10	39nH	0.085G390KTE	STETCO	47nH 0.805 WIREWOUND INDUCTOR
L11	80R	FBAK2118HS800-T	TAIVO VUDEN	39nH 0.805 WIREWOUND INDUCTOR
L12	47nH	0.085G470KTE	STETCO	80 OHM 1206 SM FERRITE
L13	47nH	0.085G470KTE	STETCO	47nH 0.805 WIREWOUND INDUCTOR
L14	680nH	0.085G680KTE	STETCO	680nH 0.805 WIREWOUND INDUCTOR
L15	12nH	HK212512N1-1	TAIVO VUDEN	12nH 0.805 SM MULTILAYER INDUCTOR
L16	12nH	HK212512N1-1	TAIVO VUDEN	12nH 0.805 SM MULTILAYER INDUCTOR
L17	12nH	HK212512N1-1	TAIVO VUDEN	12nH 0.805 SM MULTILAYER INDUCTOR
L18	470nH	0.085G471KTE	STETCO	470nH 0.805 WIREWOUND INDUCTOR
L19	100nH	HK212510N1-1	TAIVO VUDEN	100nH 0.805 SM MULTILAYER INDUCTOR
L20	18nH	HK212518N1-1	TAIVO VUDEN	18nH 0.805 SM MULTILAYER INDUCTOR
L21	18nH	HK212518N1-1	TAIVO VUDEN	18nH 0.805 SM MULTILAYER INDUCTOR
L22	150nH	0.085G151KTE	STETCO	150nH 0.805 WIREWOUND INDUCTOR
L23	22nH	HK212522N1-1	TAIVO VUDEN	22nH 0.805 SM MULTILAYER INDUCTOR
L24	22nH	HK212522N1-1	TAIVO VUDEN	22nH 0.805 SM MULTILAYER INDUCTOR
L25	6.8nH	FBAK2118HS800-T	TAIVO VUDEN	6.8nH 0.805 SM FERRITE
L26	6.8nH	HK212550N8K-1	TAIVO VUDEN	6.8nH 0.805 SM MULTILAYER INDUCTOR
L27	10nH	HK212510N1-1	TAIVO VUDEN	10nH 0.805 SM MULTILAYER INDUCTOR

L28	1uH	NL C1210-1R0M	TKK	1uH WIREWOUND INDUCTOR
L29	33uH	LK2125330M	TAYO YUDEX	33uH 0805 SM MULTILAYER INDUCTOR
L30	80R	FBM43210RHS9006-T	TAYO YUDEX	80 OHM 1206 SM FERRITE
Q1		MMB13906L.T1	MOTOROLA	PNP TRANSISTOR
Q3		MMB13906L.T1	MOTOROLA	PNP TRANSISTOR
Q6		2N7002L.T1	MOTOROLA	N-CHANNEL 1-MOS FET
Q7		MMB13906L.T1	MOTOROLA	PNP TRANSISTOR
Q8		MMB13906L.T1	MOTOROLA	PNP TRANSISTOR
Q9		MMB13906L.T1	MOTOROLA	PNP TRANSISTOR
Q10		FMAT117	ZETEX	PNP POWER TRANSISTOR
Q11		BC107	PHILIPS	NPN 180H WIREBOUND TRANSISTOR
Q12		BC107M	PHILIPS	NPN 180H WIREBOUND TRANSISTOR
Q13		2SC4617T1Q	ROHM	NPN TRANSISTOR
Q14		NE25139-UTX	NEC	DUAL-GATE MESFET
Q15		NE25139-UTX	NEC	DUAL-GATE MESFET
Q16		2N7002L.T1	MOTOROLA	N-CHANNEL 1-MOS FET
R1	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R2	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R3	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R4	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R5	100K	MCGR1MZS1 104	ROHM	100K OHM 0402 SM RESISTOR
R6	100K	MCGR1MZS1 104	ROHM	100K OHM 0402 SM RESISTOR
R7	100K	MCGR1MZS1 104	ROHM	100K OHM 0402 SM RESISTOR
R8	1K	MCGR1MZS1 102	ROHM	1K OHM 0402 SM RESISTOR
R9	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R10	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R11	4K7	MCGR1MZS1 472	ROHM	4K7 OHM 0402 SM RESISTOR
R12	4K7	MCGR1MZS1 472	ROHM	4K7 OHM 0402 SM RESISTOR
R13	4K7	MCGR1MZS1 472	ROHM	4K7 OHM 0402 SM RESISTOR
R14	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R15	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R16	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R17	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R18	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R19	10K	MCGR1MZS1 102	ROHM	1K OHM 0402 SM RESISTOR
R20	10K	MCGR1MZS1 102	ROHM	1K OHM 0402 SM RESISTOR
R21	10K	MCGR1MZS1 102	ROHM	1K OHM 0402 SM RESISTOR
R22	47K	MCGR1MZS1 473	TAYO YUDEX	47K OHM 0805 SM THERMISTOR
R23	11K	MCGR1MZS1 113	ROHM	11K OHM 0402 SM RESISTOR
R24	22K	MCGR1MZS1 223	ROHM	22K OHM 0402 SM RESISTOR
R25	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R26	5K1	MCGR1MZS1 512	ROHM	5K1 OHM 0402 SM RESISTOR
R27	1K	MCGR1MZS1 102	ROHM	1K OHM 0402 SM RESISTOR
R28	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R29	10K	MCGR1MZS1 102	ROHM	1K OHM 0402 SM RESISTOR
R30	10K	MCGR1MZS1 102	ROHM	1K OHM 0402 SM RESISTOR
R31	500R	MCGR1MZSF 501.1	ROHM	510 OHM 0402 SM RESISTOR
R32	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R33	4K7	MCGR1MZS1 472	ROHM	4K7 OHM 0402 SM RESISTOR
R34	4K7	MCGR1MZS1 472	ROHM	4K7 OHM 0402 SM RESISTOR
R35	4K7	MCGR1MZS1 472	ROHM	4K7 OHM 0402 SM RESISTOR
R36	4K7	MCGR1MZS1 472	ROHM	4K7 OHM 0402 SM RESISTOR
R37	20K	MCGR1MZS1 203	ROHM	20K 0402 RESISTOR CHIP
R38	20K	MCGR1MZS1 203	ROHM	20K 0402 RESISTOR CHIP
R39	20K	MCGR1MZS1 203	ROHM	20K 0402 RESISTOR CHIP
R40	4K7	MCGR1MZS1 472	ROHM	4K7 OHM 0402 SM RESISTOR
R41	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R42	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R43	20K	MCGR1MZS1 203	ROHM	20K 0402 RESISTOR CHIP
R44	20K	MCGR1MZS1 203	ROHM	20K 0402 RESISTOR CHIP
R45	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R46	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R47	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R48	680R	MCGR1MZS1 681	ROHM	680 OHM 0402 SM RESISTOR
R49	4K3	MCGR1MZS1 392	ROHM	4K3 OHM 0402 SM RESISTOR
R50	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R51	220K	MCGR1MZS1 224	ROHM	220K OHM 0402 SM RESISTOR
R52	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R53	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R54	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R55	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R56	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R57	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R58	47K	MCGR1MZS1 473	ROHM	47K OHM 0402 SM RESISTOR
R59	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R60	100R	MCGR1MZS1 101	ROHM	100 OHM 0402 SM RESISTOR
R61	2K4	MCGR1MZS1 242	ROHM	2K4 OHM 0402 SM RESISTOR
R62	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R63	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R64	100K	MCGR1MZS1 104	ROHM	100K OHM 0402 SM RESISTOR
R65	100K	MCGR1MZS1 104	ROHM	100K OHM 0402 SM RESISTOR
R66	9K1	MCGR1MZS1 912	ROHM	9.1K OHM 0402 SM RESISTOR
R67	7K5	MCGR1MZS1 752	ROHM	7.5K OHM 0402 SM RESISTOR
R68	150R	MCGR1MZS1 151	ROHM	150R OHM 0402 SM RESISTOR
R69	330R	MCGR1MZS1 331	ROHM	330 OHM 0402 SM RESISTOR
R70	470R	MCGR1MZS1 471	ROHM	470 OHM 0402 SM RESISTOR
R71	22K	MCGR1MZS1 223	ROHM	22K OHM 0402 SM RESISTOR
R72	22K	MCGR1MZS1 223	ROHM	22K OHM 0402 SM RESISTOR
R73	820R	MCGR1MZS1 821	ROHM	820 OHM 0402 SM RESISTOR
R74	51R	MCGR1MZS1 510	ROHM	51 OHM 0402 SM RESISTOR
R75	180R	MCGR1MZS1 181	ROHM	180 OHM 0402 SM RESISTOR
R76	5K1	MCGR1MZS1 512	ROHM	5K1 OHM 0402 SM RESISTOR
R77	1K	MCGR1MZS1 102	ROHM	1K OHM 0402 SM RESISTOR
R78	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R79	10K	MCGR1MZS1 103	ROHM	10K OHM 0402 SM RESISTOR
R80	18R	MCGR1MZS1 180	ROHM	18 OHM 0402 SM RESISTOR
R81	270K	MCGR1MZS1 274	ROHM	270K OHM 0402 SM RESISTOR

R82	100R	MCROMZSJ 101	ROHM	100 OHM 0402 5M RESISTOR
R83	10K	MCROMZSJ 103	ROHM	10K OHM 0402 5M RESISTOR
R84	487	MCROMZSJ 487	ROHM	4.7 OHM 0402 5M RESISTOR
R85	10K	MCROMZSJ 103	ROHM	10K OHM 0402 5M RESISTOR
R86	1K	MCROMZSJ 103	ROHM	1K OHM 0402 5M RESISTOR
R87	1K	MCROMZSJ 102	ROHM	1K OHM 0402 5M RESISTOR
R88	100K	MCROMZSJ 104	ROHM	100K OHM 0402 5M RESISTOR
R89	22K	MCROMZSJ 223	ROHM	22K OHM 0402 5M RESISTOR
R90	100K	MCROMZSJ 104	ROHM	100K OHM 0402 5M RESISTOR
R91	0.2R	SR73K-28TR20003	KOA	0.2 OHM 1206 5M RESISTOR
R92	1K	MCROMZSJ 102	ROHM	1K OHM 0402 5M RESISTOR
R93	10K	MCROMZSJ 103	ROHM	10K OHM 0402 5M RESISTOR
R94	3K3	MCROMZSJ 332	ROHM	3K3 OHM 0402 5M RESISTOR
R96	10K	MCROMZSJ 104	ROHM	100K OHM 0402 5M RESISTOR
R97	10K	MCROMZSJ 103	ROHM	10K OHM 0402 5M RESISTOR
R98	1K	MCROMZSJ 102	ROHM	1K OHM 0402 5M RESISTOR
R99	18R	MCROMZSJ 180	ROHM	18 OHM 0402 5M RESISTOR
R100	487	MCROMZSJ 487	ROHM	4.7 OHM 0402 5M RESISTOR
R101	18K	MCROMZSJ 182	ROHM	18K OHM 0402 5M RESISTOR
R102	20R	MCROMZSJ 200	ROHM	20 OHM 0402 5M RESISTOR
R103	270R	MCROMZSJ 271	ROHM	270 OHM 0402 5M RESISTOR
R104	2K2	MCROMZSJ 222	ROHM	2K2 OHM 0402 5M RESISTOR
R105	10K	MCROMZSJ 103	ROHM	10K OHM 0402 5M RESISTOR
R106	47K	MCROMZSJ 473	ROHM	47K OHM 0402 5M RESISTOR
R107	150R	MCROMZSJ 151	ROHM	150R OHM 0402 5M RESISTOR
R108	270R	MCROMZSJ 271	ROHM	270 OHM 0402 5M RESISTOR
SPFL2	450KHz	SFCCG60K4	MURATA	450KHz IF CERAMIC FILTER
U1	100MHz	SI5352A-D100C	MAXIM	100MHz 5V CMOS SERIAL
U2		AT29C16-T	ATMEL	2K x 16 CMOS PARALLEL EEPROM
U3	926MHz	VC-390A25-0926	FUJITSU-TOWA	926MHz VCO
U4		XC17128D-508C	Xilinx	128K Serial EPROM
U5		DSP1634-T0P	AT&T	DSP AND CODEC
U6		MAX594CUA	MAXIM	+2.5V TO +5.5V LOW POWER, SINGLE-DUAL, 8-BIT VOLTAGE-OUTPUT DACS
U7		LMC7101JAMSX	NATIONAL	SINGLE OP AMP
U8		93LC58X	MICROCHIP	4K x 20 CMOS SERIAL EEPROM
U9	4.5V	TK11230MTL	TOKO	4.5 VOLT REGULATOR IC
U10		MAX839ELUK	Maxim	Voltage Inverter
U12	14.85MHz	KXN1388A	MOTOROLA CMPTS	APEX-4 DCTCXO
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		SA6070K	PHILIPS	LOW VOLT. HIGH PERF. MIXER FM IF SYSTEM
U17		LMC6211	NATIONAL	1.2WATT 50VCMOS DRIVER
U18		LMC6211	NEC	1.2WATT 50VCMOS DRIVER
U19		UPC2745T	NEC	UPCONVERTER IC
U20	2.4GHz	UPC2745T	NEC	AMPLIFIER IC
U21		SI6853DQ	SILICONIX	DUAL P-CHANNEL MOSFET
U22		ITT33106BD	ITT GTC	1.2 WATT RF POWER AMPLIFIER
U23		LMC7101JAMSX	NATIONAL	SINGLE OP AMP
U24		LMC7101JAMSX	NATIONAL	SINGLE OP AMP
U25		UPC2745T	NEC	AMPLIFIER IC
U26		AD578AL1	AD	16-BIT SERIAL DIGITAL ANALOG
U27		AD578AL1	AD	16-BIT SERIAL DIGITAL ANALOG
U28		AD578AL1	AD	16-BIT SERIAL DIGITAL ANALOG
X1	DUAL OP-AMP	NIM2904M	BURR-BROWN	DUAL LOW POWER OP AMP
X2	29.4912MHz	H180-29.4912-12-FUHL	RAUTRON	DUAL LOW POWER OP AMP
	30.0MHz	C-30-000-20-SVM-1	RAUTRON	29.4912MHz H180 Series Crystal MHz 5M CRYSTAL 30 MHz GRV STAL