

BPF1	FL/SAW	465M	KECF-0126-A
BPF2	CF/10.7M	21.4MHz	KECF-0148-A
BPF3	CER-450-YEL	CER-450-YEL	KECF-0150
C1	CAP-L-0402	20P//1P	KCC-200FJNPOMUG
C2	CAP-L-0402	3P	KCC-309FCNPOMUG
C3	CAP-L-0402	100P	KCC-101FJNPOMUG
C4	CAP-L-0402	4P7	KCC-479FCNPOMUG
C5	CAP-L-0402	1N	KCC-102FKBMUG
C6	CAP-L-0603	470P	KCC-471FRJNPOE
C7	CAP-L-0402	100P	KCC-101FJNPOMUG
C8	CAP-L-0402	11P	KCC-110FDNPOMUG
C9	ECAP4-2	47UF	KEC-476CRM0405
C10	CAP-L-0603	11P	KCC-110FRDNPOE
C11	CAP-L-0402	100N	KCC-104DZFMUG
C12	CAP-L-0402	100N	KCC-104DZFMUG
C13	CAP-L-0402	5P6	KCC-569FCNPOMUG
C14	CAP-L-0402	18P	KCC-180FJNPOMUG
C15	CAP-L-0402	3P	KCC-309FCNPOMUG
C16	CAP-L-0402	1N	KCC-102FKBMUG
C17	CAP-L-0402	100N	KCC-104DZFMUG
C18	CAP-L-0402	8P	KCC-809FDNPOMUG
C19	CAP-L-0402	3P	KCC-309FCNPOMUG
C20	CAP-L-0402	100P	KCC-101FJNPOMUG
C21	CAP-L-0402	7P	KCC-709FDNPOMUG
C22	EC3X5	10UF	KEC-106CRM0305
C23	CAP-L-0402	12P	KCC-120FJNPOMUG
C24	CAP-L-0402	4P	KCC-409FCNPOMUG
C25	CAP-L-0603	2P	KCC-209FRCNPOE
C26	CAP-L-0402	3P	KCC-309FCNPOMUG
C27	CAP-L-0402	100P	KCC-101FJNPOMUG
C28	CAP-L-0402	8P	KCC-809FDNPOMUG
C29	CAP-L-0402	8P	KCC-809FDNPOMUG
C30	CAP-L-0603	1P5	KCC-159FRCNPOE
C31	CAP-L-0402	12P	KCC-120FJNPOMUG
C32	CAP-L-0402	3P	KCC-309FCNPOMUG
C33	CAP-L-0402	7P	KCC-709FDNPOMUG
C34	CAP-L-0402	4P	KCC-409FCNPOMUG
C35	CAP-L-0402	10N	KCC-103DKBMUG
C36	CAP-L-0402	OPEN	
C37	CAP-L-0402	24P	KCC-240FJNPOMUG
C38	CAP-L-0402	1P5	KCC-159FCNPOMUG
C39	CAP-L-0402	100P	KCC-101FJNPOMUG
C40	CAP-L-0603	100N	KCC-104DRZFE
C41	CAP-L-0402	22N	KCC-223DKBMUG
C42	CAP-L-0402	100N	KCC-104DZFMUG
C43	CAP-L-0402	1N	KCC-102FKBMUG
C44	CAP-L-0402	100P	KCC-101FJNPOMUG
C45	CAP-L-0402	100P	KCC-101FJNPOMUG
C46	CAP-L-0402	1N	KCC-102FKBMUG

C47	CAP-L-0603	68N	KCC-683FRKBE
C48	CAP-L-0805	220N	KCC-224DRKBM
C49	CAP-L-0402	100N	KCC-104DZFMUG
C50	CAP-L-0402	OPEN	
C51	CAP-L-0402	27P	KCC-270FJNPOMUG
C52	CAP-L-0603	1N	KCC-102FRKBE
C53	VC/TZC03R	10P	KCC-TR003
C54	CAP-L-0402	2N2	KCC-222FKBMUG
C55	CAP-L-0402	220P	KCC-221EJNPOMUG
C56	CAP-L-0402	100P	KCC-101FJNPOMUG
C57	CAP-L-0402	62P	KCC-620FJNPOMUG
C58	CAP-L-0402	100P	KCC-101FJNPOMUG
C59	EC470UF	470UF	KEC-477CRM0608
C60	CAP-L-0603	0R	KCR-000B-JN4YA
C61	CAP-L-0402	100N	KCC-104DZFMUG
C62	CAP-L-0402	22P	KCC-220FJNPOMUG
C63	CAP-L-0402	100N	KCC-104DZFMUG
C64	CAP-L-0805	1u	KCC-105DRZPF
C65	CAP-L-0402	20P	KCC-200FJNPOMUG
C66	CAP-L-0402	100N	KCC-104DZFMUG
C67	CAP-L-0402	OPEN	
C68	CAP-L-0805	1u	KCC-105DRZPF
C69	CAP-L-0402	100P	KCC-101FJNPOMUG
C70	CAP-L-0402	2P	KCC-209FCNPOMUG
C71	CAP-L-0402	15P	KCC-150FJNPOMUG
C72	CAP-L-0402	OPEN	
C73	CAP-L-0402	100P	KCC-101FJNPOMUG
C74	CAP-L-0402	100P	KCC-101FJNPOMUG
C75	CAP-L-0402	100P	KCC-101FJNPOMUG
C76	CAP-L-0402	1N	KCC-102FKBMUG
C77	CAP-L-0402	12N	KCC-123DKBMUG
C78	CAP-L-0402	56N	KCC-563BKBMUG
C79	CAP-L-0402	390P	KCC-391FKBMUG
C80	CAP-L-0402	47N	KCC-473BKBMUG
C81	CAP-L-0402	0R	KCR-000G-JN4YA
C82	CAP-L-0402	22N	KCC-223DKBMUG
C83	CAP-L-0805	330N	KCC-334DRKBM
C84	CAP-L-0402	10N	KCC-103DKBMUG
C85	CAP-L-0402	10N	KCC-103DKBMUG
C86	CAP-L-0402	OPEN	
C87	CAP-L-0402	10N	KCC-103DKBMUG
C88	CAP-L-0402	100N	KCC-104DZFMUG
C89	CAP-L-0402	27N	KCC-273BKBMUG
C90	CAP-L-0402	39P	KCC-390FJNPOMUG
C91	CAP-L-0402	56P	KCC-560FJNPOMUG
C92	CAP-L-0402	100N	KCC-104DZFMUG
C93	CAP-L-0402	47P	KCC-470FJNPOMUG
C94	CAP-L-0402	33N	KCC-333BKBMUG
C95	CAP-L-0402	3N3	KCC-332FKBMUG

C96	CAP-L-0402	1N	KCC-102FKBMUG
C97	CAP-L-0402	15N	KCC-151DKBMUG
C98	CAP-L-0402	100P	KCC-101FJNPOMUG
C99	CAP-L-0402	OPEN	
C100	CAP-L-0402	3N3	KCC-332FKBMUG
C101	CAP-L-0402	100N	KCC-104DZFMUG
C102	CAP-L-0402	2n2	KCC-222FKBMUG
C103	CAP-L-0402	6N8	KCC-682DKBMUG
C104	CAP-L-0402	10N	KCC-103DKBMUG
C105	CAP-L-0402	560P	KCC-561FKBMUG
C106	CAP-L-0805	1U	KCC-105DRZPF
C107	CAP-L-0402	680P	KCC-681FKBMUG
C108	CAP-L-0402	15N	KCC-151DKBMUG
C109	CAP-L-0402	150P	KCC-151FJNPOMUG
C110	EC100UF@EC/6X5	100UF	KEC-107KRM0505
C111	CAP-L-0402	47N	KCC-473BKBKBMUG
C112	CAP-L-0402	100N	KCC-104DZFMUG
C113	CAP-L-0402	22N	KCC-223DKBMUG
C114	CAP-L-0402	100P	KCC-101FJNPOMUG
C115	CAP-L-0402	270P	KCC-271EJNPOMUG
C116	CAP-L-0402	68N	KCC-683BKBKBMUG
C117	CAP-L-0805	100N	KCC-104ERKBM
C118	CAP-L-0402	820P	KCC-821FKBMUG
C119	CAP-L-0402	68N	KCC-683BKBKBMUG
C120	CAP-L-0402	100P	KCC-101FJNPOMUG
C121	CAP-L-0402	100P	KCC-101FJNPOMUG
C122	ECAP4-2	10UF	KEC-106CRM0405
C123	CAP-L-0402	100P	KCC-101FJNPOMUG
C124	CAP-L-0402	100P	KCC-101FJNPOMUG
C125	CAP-L-0402	100N	KCC-104DZFMUG
C126	EC100UF@EC/6X5B	100UF	KEC-107KRM0505
C127	CAP-L-0402	100P	KCC-101FJNPOMUG
C128	CAP-L-0402	100P	KCC-101FJNPOMUG
C129	CAP-L-0402	100P	KCC-101FJNPOMUG
C130	CAP-L-0402	68P	KCC-680FJNPOMUG
C131	CAP-L-0805	1N	KCC-102FRKBM
C132	CAP-L-0402	OPEN	
C133	CAP-L-0402	22N	KCC-223DKBMUG
C134	CAP-L-0402	820P	KCC-821FKBMUG
C135	CAP-L-0402	OPEN	
C136	EC470UF	470UF	KEC-477CRM0608
C137	ECAP4-2	10UF	KEC-106CRM0405
C138	CAP-L-0402	100P	KCC-101FJNPOMUG
C139	CAP-L-0402	100n	KCC-104DZFMUG
C140	CAP-L-0402	100P	KCC-101FJNPOMUG
C141	CAP-L-0402	100P	KCC-101FJNPOMUG
C142	CAP-L-0402	OPEN	
D1	DIODE/1SS314	1SS314	KCD-1SS314
D2	DIODE/1SS314	1SS314	KCD-1SS314

D3	DIO/1SV229	1SV214	KCD-214
D4	DIODE/1SS314	1SS314	KCD-1SS314
D5	DIODE/1SS314	1SS314	KCD-1SS314
D6	DIODE,1SS315	1SS314	KCD-1SS314
IC1	IC/DBL5018,UTC3361B	MC3361	KEIC-MC3361CD
IC2	LM324	OM324	KEIC-LM324D-A
IC3	IC/TB31202FN	KB8825	KEIC-SIT8825B
IC4	LM324	OM324	KEIC-LM324D-A
IC5	EM78564	TM807	
IC6	W523A030	W523A030	
IC7	MC34119D	UTC34119	KEIC-UTC34119S
IC8	IC/XC6201	XC6201	KEIC-XC6201T302
L1	AIRCOIL	4T	KEL-SO96-1
L2	AIRCOIL	4T	KEL-SO96-1
L3	COIL/FRS	22NH	KCL-220MU-1
L4	AIRCOIL	4T	KEL-SO96-1
L5	COIL/FRS	22NH	KCL-220MU-1
L6	COIL/FRS	22NH	KCL-220MU-1
L7	COIL/FRS	12NH	KCL-120MU-1
L8	COIL/FRS	27NH	KCL-270MU-1
L9	COIL/FRS	27NH	KCL-270MU-1
L10	COIL-SMD	68N	KCL-680CO-GA
L11	AIRCOIL	5T	KEL-SO96-1
L12	COIL/SMDN@L-L	222TD	KEL-229CL-4
L13	XFR/5K-L	37P	KEI-237LH
Q1	TRX/2SK3078	2SK3078	KCT-2SK3078
Q2	TRX/N	2SC4901	KCT-2SC4901
Q3	TRX/N	2SC4901	KCT-2SC4901
Q4	TRX/N	2SC4901	KCT-2SC4901
Q5	TRX/N	2SC4901	KCT-2SC4901
Q6	TRX/N	2SC4901	KCT-2SC4901
Q7	TRX/P	2SA1611-T1	KCT-2SA1611-T1
Q8	TRX/P	2SA1611-T1	KCT-2SA1611-T1
Q9	TRX/N	2SC4177-T1	KCT-2SC4177-T1
Q10	TRX/N	2SC4177-T1	KCT-2SC4177-T1
Q11	TRX/N	2SC4177-T1	KCT-2SC4177-T1
Q12	TRX/P	2SA1611-T1	KCT-2SA1611-T1
Q13	TRX/N	2SC4177-T1	KCT-2SC4177-T1
Q14	TRX/N	2SC4177-T1	KCT-2SC4177-T1
Q15	TRX/P	2SA1611-T1	KCT-2SA1611-T1
Q16	TRX/P	2SA1611-T1	KCT-2SA1611-T1
Q17	TRX/N	2SC4177-T1	KCT-2SC4177-T1
Q18	TRX/P	2SA1611-T1	KCT-2SA1611-T1
Q19	TRX/N	2SC4177-T1	KCT-2SC4177-T1
R1	RES-L-0402	10R	KCR-100G-JN4YA
R2	RES-L-0402	470R	KCR-471G-JN4YA
R3	RES-L-0402	100K	KCR-104G-JN4YA
R4	RES-L-0402	10K	KCR-103G-JN4YA
R5	RES-L-0402	8K2	KCR-822G-JN4YA

R6	RES-L-0402	220R	KCR-221G-JN4YA
R7	RES-L-0603	22K	KCR-223B-JN4YA
R8	RES-L-0402	10K	KCR-103G-JN4YA
R9	RES-L-0402	12K	KCR-123G-JN4YA
R10	RES-L-0402	330R	KCR-331G-JN4YA
R11	RES-L-0402	2K2	KCR-222G-JN4YA
R12	RES-L-0402	470K	KCR-474G-JN4YA
R13	RES-L-0402	2K2	KCR-222G-JN4YA
R14	RES-L-0402	4K7	KCR-472G-JN4YA
R15	RES-L-0402	1K	KCR-102G-JN4YA
R16	RES-L-0603	10K	KCR-103B-JN4YA
R17	RES-L-0402	22K	KCR-223G-JN4YA
R18	RES-L-0402	12K	KCR-123G-JN4YA
R19	RES-L-0402	10K	KCR-103G-JN4YA
R20	RES-L-0603	470K	KCR-474B-JN4YA
R21	RES-L-0402	1K2	KCR-122G-JN4YA
R22	RES-L-0603	10R	KCR-100B-JN4YA
R23	RES-L-0603	22K	KCR-223B-JN4YA
R24	RES-L-0402	15K	KCR-153G-JN4YA
R25	RES-L-0603	680R	KCR-681B-JN4YA
R26	RES-L-0402	6K8	KCR-682G-JN4YA
R27	RES-L-0402	470K	KCR-474G-JN4YA
R28	RES-L-0402	6K8	KCR-682G-JN4YA
R29	RES-L-0402	470K	KCR-474G-JN4YA
R30	RES-L-0402	OPEN	
R31	RES-L-0402	470K	KCR-474G-JN4YA
R32	RES-L-0402	470K	KCR-474G-JN4YA
R33	RES-L-0402	470K	KCR-474G-JN4YA
R34	RES-L-0402	22K	KCR-223G-JN4YA
R35	RES-L-0402	1K	KCR-102G-JN4YA
R36	RES-L-0402	68K	KCR-683G-JN4YA
R37	RES-L-0402	330K	KCR-334G-JN4YA
R38	RES-L-0402	100K	KCR-104G-JN4YA
R39	RES-L-0402	2K7	KCR-272G-JN4YA
R40	RES-L-0402	47K	KCR-473G-JN4YA
R41	RES-L-0402	150K	KCR-154G-JN4YA
R42	RES-L-0402	47K	KCR-473G-JN4YA
R43	RES-L-0402	51K	KCR-513G-JN4YA
R44	RES-L-0402	130K	KCR-134G-JN4YA
R45	RES-L-0402	470K	KCR-474G-JN4YA
R46	RES-L-0402	100K	KCR-104G-JN4YA
R47	RES-L-0402	220K	KCR-224G-JN4YA
R48	RES-L-0402	270K	KCR-274G-JN4YA
R49	RES-L-0603	13K	KCR-133B-JN4YA
R50	RES-L-0402	10K	KCR-103G-JN4YA
R51	RES-L-0402	22K	KCR-223G-JN4YA
R52	RES-L-0402	OPEN	
R53	RES-L-0402	3K9	KCR-392G-JN4YA
R54	RES-L-0402	3K9	KCR-392G-JN4YA

R55	RES-L-0402	330K	KCR-334G-JN4YA
R56	RES-L-0402	33K	KCR-333G-JN4YA
R57	RES-L-0402	1M1	KCR-115G-JN4YA
R58	RES-L-0402	10K	KCR-103G-JN4YA
R59	RES-L-0402	10K	KCR-103G-JN4YA
R60	RES-L-0402	OPEN	
R61	RES-L-0402	OPEN	
R62	RES-L-0603	47K	KCR-473B-JN4YA
R63	RES-L-0402	22K	KCR-223G-JN4YA
R64	RES-L-0402	OPEN	
R65	RES-L-0402	270K	KCR-274G-JN4YA
R66	RES-L-0402	1M3	KCR-135G-JN4YA
R67	RES-L-0402	33K	KCR-333G-JN4YA
R68	RES-L-0402	1M	KCR-105G-JN4YA
R69	RES-L-0402	OPEN	
R70	RES-L-0402	6K8	KCR-682G-JN4YA
R71	RES-L-0402	10K	KCR-103G-JN4YA
R72	RES-L-0603	2K2	KCR-222B-JN4YA
R73	RES-L-0402	10K	KCR-103G-JN4YA
R74	RES-L-0603	82K	KCR-823B-JN4YA
R75	RES-L-0402	22K	KCR-223G-JN4YA
R76	RES-L-0603	47K	KCR-473B-JN4YA
R77	RES-L-0402	220K	KCR-224G-JN4YA
R78	RES-L-0402	22K	KCR-223G-JN4YA
R79	RES-L-0402	12K	KCR-123G-JN4YA
R80	RES-L-0402	12K	KCR-123G-JN4YA
R81	RES-L-0603	15K	KCR-153B-JN4YA
R82	RES-L-0402	47K	KCR-473G-JN4YA
R83	RES-L-0402	470K	KCR-474G-JN4YA
R84	RES-L-0402	270K	KCR-274G-JN4YA
R85	RES-L-0402	68K	KCR-683G-JN4YA
R86	RES-L-0402	6K8	KCR-682G-JN4YA
R87	RES-L-0402	6K2	KCR-622G-JN4YA
R88	RES-L-0402	3K9	KCR-392G-JN4YA
R89	RES-L-0402	470K	KCR-474G-JN4YA
R90	RES-L-0402	100K	KCR-104G-JN4YA
R91	RES-L-0402	43K	KCR-433G-JN4YA
R92	RES-L-0402	47K	KCR-473G-JN4YA
R93	RES-L-0402	220K	KCR-224G-JN4YA
R94	RES-L-0402	180K	KCR-184G-JN4YA
R95	RES-L-0402	470K	KCR-474G-JN4YA
R96	RES-L-0402	220K	KCR-224G-JN4YA
R97	RES-L-0402	470K	KCR-474G-JN4YA
R98	RES-L-0402	2K7	KCR-272G-JN4YA
R99	RES-L-0402	33K	KCR-333G-JN4YA
R100	RES-L-0402	220K	KCR-224G-JN4YA
R101	RES-L-0402	820K	KCR-824G-JN4YA
R102	RES-L-0402	470K	KCR-474G-JN4YA
R103	RES-L-0603	3K	KCR-302B-JN4YA

R104	RES-L-0402	470K	KCR-474G-JN4YA
R105	RES-L-0402	220K	KCR-224G-JN4YA
R106	RES-L-0402	180K	KCR-184G-JN4YA
R107	RES-L-0402	2K2	KCR-222G-JN4YA
R108	RES-L-0402	470K	KCR-474G-JN4YA
R109	RES-L-0402	3K3	KCR-332G-JN4YA
R110	RES-L-0402	300R	KCR-301G-JN4YA
R111	RES-L-0402	220K	KCR-224G-JN4YA
R112	RES-L-0402	100K	KCR-104G-JN4YA
R113	RES-L-0402	220K	KCR-224G-JN4YA
R114	RES-L-0402	10K	KCR-103G-JN4YA
R115	RES-L-0402	24K	KCR-243G-JN4YA
R116	RES-L-0402	3K	KCR-302G-JN4YA
R117	RES-L-0402	220K	KCR-224G-JN4YA
R118	RES-L-0402	47K	KCR-473G-JN4YA
R119	RES-L-0402	100K	KCR-104G-JN4YA
R120	RES-L-0402	82K	KCR-823G-JN4YA
R121	RES-L-0402	39K	KCR-393G-JN4YA
R122	RES-L-0402	22K	KCR-223G-JN4YA
R123	RES-L-0402	10K	KCR-103G-JN4YA
R124	RES-L-0402	22K	KCR-223G-JN4YA
R125	RES-L-0402	18K	KCR-183G-JN4YA
R126	RES-L-0402	3K9	KCR-392G-JN4YA
R127	RES-L-0402	OPEN	
R128	RES-L-0402	1M	KCR-105G-JN4YA
R129	RES-L-0402	47K	KCR-473G-JN4YA
R130	RES-L-0402	470K	KCR-474G-JN4YA
R131	RES-L-0402	47K	KCR-473G-JN4YA
R132	RES-L-0402	1M	KCR-105G-JN4YA
R133	RES-L-0402	3K	KCR-302G-JN4YA
R134	RES-L-0402	470K	KCR-474G-JN4YA
R135	RES-L-0402	3K	KCR-302G-JN4YA
R136	RES-L-0402	22K	KCR-223G-JN4YA
R137	RES-L-0402	22k	KCR-223G-JN4YA
R138	RES-L-0402	470K	KCR-474G-JN4YA
TR1	RES-L-0402	47K	KCR-TR473MUG
TR2	RES-L-0402	22R	KCR-TR220TD
TR3	RES-L-0402	OPEN	
VR1	VAR/25X28	5K	KCR-502POZ3AN1
VR2	VAR/25X28	6K8	KCR-682POZ3AN1
X1	CRYSTAL1	20.95MHz	KEX-0394
X2	CRYSTAL-A	4M	KEX-C074-1

KEPC-649-00 ==> KEPC649-A

REF	FROM	TO
C18	8P	15P
C27	0402	0603
C55	0402	0603
C60	0R	DELETED
C79	0402	0603
C105	0402	0603
C107	0402	0603
C109	0402	0603
C115	0402	0603
C118	0402	0603
C134	0402	0603
R25	0402	0603
R27	470K	DELETED
R32	470K	47K
R117	0402	0603