



PCB Information Package Tait Orca

VHF PCB LAYOUT - 136-174 MHz

220-01588-04

This PCB Information Package contains the following information for the VHF 136-174 MHz Tait Orca:

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Ref	IPN	Description	Ref	IPN	Description
C1	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C279	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C10	018-15100-00	CAP 0603 10N 50V X7R +-10%	C280	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V
C101	018-14100-00	CAP 0603 1N 50V X7R +-10%	C3	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C102	018-14100-00	CAP 0603 1N 50V X7R +-10%	C301	018-11600-10	CAP0603 CHIP 6P0 50V NPO+-0.1P
C104	018-14100-00	CAP 0603 1N 50V X7R +-10%	C302	018-11150-10	CAP0603 CHIP 1P5 50V NPO+-0.1P
C105	018-14100-00	CAP 0603 1N 50V X7R +-10%	C303	018-11680-10	CAP0603 CHIP 6P8 50V NPO+-0.1P
C106	018-14100-00	CAP 0603 1N 50V X7R +-10%	C304	018-14100-00	CAP 0603 1N 50V X7R +-10%
C107	018-15100-00	CAP 0603 10N 50V X7R +-10%	C305	018-11220-10	CAP0603 CHIP 2P2 50V NPO+-0.1P
C108	018-14100-00	CAP 0603 1N 50V X7R +-10%	C306	018-11600-10	CAP0603 CHIP 6P0 50V NPO+-0.1P
C109	018-14100-00	CAP 0603 1N 50V X7R +-10%	C309	018-15100-00	CAP 0603 10N 50V X7R +-10%
C11	018-15100-00	CAP 0603 10N 50V X7R +-10%	C310	018-15100-00	CAP 0603 10N 50V X7R +-10%
C110	018-12100-10	CAP 0603 CHIP 10P 50V NPO+-0.1	C311	018-14100-00	CAP 0603 1N 50V X7R +-10%
C111	018-14100-00	CAP 0603 1N 50V X7R +-10%	C312	018-14100-00	CAP 0603 1N 50V X7R +-10%
C112	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C315	018-11560-10	CAP0603 CHIP 5P6 50V NPO+-0.1P
C113	018-14100-00	CAP 0603 1N 50V X7R +-10%	C316	018-11600-10	CAP0603 CHIP 6P0 50V NPO+-0.1P
C114	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	C317	018-11820-10	CAP0603 CHIP 8P2 50V NPO+-0.1P
C115	018-24100-08	CAP CER 0805 1N 10% X7R 50V	C318	018-14100-00	CAP 0603 1N 50V X7R +-10%
C116	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C319	018-11180-10	CAP0603 CHIP 1P8 50V NPO+-0.1P
C117	018-14100-00	CAP 0603 1N 50V X7R +-10%	C320	018-11180-10	CAP0603 CHIP 1P8 50V NPO+-0.1P
C118	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C325	018-15100-00	CAP 0603 10N 50V X7R +-10%
C119	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C326	018-11600-10	CAP0603 CHIP 6P0 50V NPO+-0.1P
C120	018-15100-00	CAP 0603 10N 50V X7R +-10%	C326A	018-11560-10	CAP0603 CHIP 5P6 50V NPO+-0.1P
C121	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	C327	018-14100-00	CAP 0603 1N 50V X7R +-10%
C122	018-15100-00	CAP 0603 10N 50V X7R +-10%	C328	018-11180-10	CAP0603 CHIP 1P8 50V NPO+-0.1P
C123	018-15100-00	CAP 0603 10N 50V X7R +-10%	C329	018-11560-10	CAP0603 CHIP 5P6 50V NPO+-0.1P
C124	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C331	018-12470-10	CAP 0603 CHIP 47P 50V NPO+-0.1
C130	018-12220-10	CAP 0603 CHIP 22P 50V NPO+-0.1	C332	018-12470-10	CAP 0603 CHIP 47P 50V NPO+-0.1
C133	018-14100-00	CAP 0603 1N 50V X7R +-10%	C333	018-15100-00	CAP 0603 10N 50V X7R +-10%
C135	018-12270-10	CAP 0603 CHIP 27P 50V NPO +-1%	C334	018-12220-10	CAP 0603 CHIP 22P 50V NPO+-0.1
C136	018-15270-00	CAP 0603 CHIP 27N 50V X7R+-10%	C335	018-12180-10	CAP 0603 CHIP 18P 50V NPO +-1%
C138	018-15100-00	CAP 0603 10N 50V X7R +-10%	C336	018-12120-10	CAP 0603 CHIP 12P 50V NPO +-1%
C139	015-24100-08	CAP CER 0805 1N 10% X7R 50V	C337	018-12180-10	CAP 0603 CHIP 18P 50V NPO +-1%
C140	015-22390-05	CAP 0805 39P 1% 200V	C338	018-15100-00	CAP 0603 10N 50V X7R +-10%
C141	015-22820-05	CAP 0805 82P 1% 200V GRM40	C339	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C142	015-22680-05	CAP 0805 68P 1% 200V GRM40	C340	018-15100-00	CAP 0603 10N 50V X7R +-10%
C143	015-22270-05	CAP CER 0805 27P+-0.1PF 200V	C342	018-13100-10	CAP 0603 CHIP 100P 50V NPO+-1%
C144	015-21820-05	CAP CER 0805 8P2+-0.1PF 200V	C343	018-15100-00	CAP 0603 10N 50V X7R +-10%
C145	018-15100-00	CAP 0603 10N 50V X7R +-10%	C344	018-11820-10	CAP0603 CHIP 8P2 50V NPO+-0.1P
C146	018-14100-00	CAP 0603 1N 50V X7R +-10%	C345	018-12120-10	CAP 0603 CHIP 12P 50V NPO +-1%
C15	018-14100-00	CAP 0603 1N 50V X7R +-10%	C346	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C150	018-14100-00	CAP 0603 1N 50V X7R +-10%	C350	018-15100-00	CAP 0603 10N 50V X7R +-10%
C16	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%	C351	018-12270-10	CAP 0603 CHIP 27P 50V NPO +-1%
C170	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C352	018-12270-10	CAP 0603 CHIP 27P 50V NPO +-1%
C171	015-24100-08	CAP CER 0805 1N 10% X7R 50V	C355	018-14100-00	CAP 0603 1N 50V X7R +-10%
C176	018-14100-00	CAP 0603 1N 50V X7R +-10%	C356	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C179	015-24100-08	CAP CER 0805 1N 10% X7R 50V	C357	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C180	015-22180-05	CAP 0805 18P 1% 200V	C358	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C182	015-22150-05	CAP 0805 15P 1% 200V	C359	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C183	015-22180-05	CAP 0805 18P 1% 200V	C360	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C185	015-21820-05	CAP CER 0805 8P2+-0.1PF 200V	C362	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C186	015-22180-05	CAP 0805 18P 1% 200V	C363	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V
C187	015-22150-05	CAP 0805 15P 1% 200V	C364	014-07100-02	CAP TANT CHIP 1U0 3.2X1.6M 16V
C188	015-22180-05	CAP 0805 18P 1% 200V	C365	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C195	018-14100-00	CAP 0603 1N 50V X7R +-10%	C366	018-14100-00	CAP 0603 1N 50V X7R +-10%
C2	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	C367	018-13180-00	CAP 0603 CHIP 180P 50VNPO+-5%
C200	018-14100-00	CAP 0603 1N 50V X7R +-10%	C368	018-13180-00	CAP 0603 CHIP 180P 50VNPO+-5%
C201	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C369	018-13470-00	CAP0603 CHIP 470P 50V X7R+-10%
C202	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C370	018-12220-10	CAP 0603 CHIP 22P 50V NPO+-0.1
C208	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	C372	018-12330-10	CAP 0603 CHIP 33P 50V NPO +-1%
C209	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C375	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V
C211	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C376	014-07100-02	CAP TANT CHIP 1U0 3.2X1.6M 16V
C213	018-14100-00	CAP 0603 1N 50V X7R +-10%	C378	018-15100-00	CAP 0603 10N 50V X7R +-10%
C214	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%	C379	018-15100-00	CAP 0603 10N 50V X7R +-10%
C215	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%	C384	018-15100-00	CAP 0603 10N 50V X7R +-10%
C216	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%	C385	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C217	018-15100-00	CAP 0603 10N 50V X7R +-10%	C4	018-14100-00	CAP 0603 1N 50V X7R +-10%
C218	014-07100-02	CAP TANT CHIP 1U0 3.2X1.6M 16V	C400	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C219	013-06330-01	CAP 330N 16V 6*4MM	C409	018-11100-10	CAP0603 CHIP 1P0 50V NPO+-0.1P
C220	018-15270-00	CAP 0603 CHIP 27N 50V X7R+-10%	C410	018-14100-00	CAP 0603 1N 50V X7R +-10%
C222	013-06100-01	CAP 100N 5% 63V (CF 1812)	C414	018-12270-10	CAP 0603 CHIP 27P 50V NPO +-1%
C223	018-13220-00	CAP 0603 CHIP 220P 50V NPO+-5%	C415	018-14100-00	CAP 0603 1N 50V X7R +-10%
C226	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C419	018-14100-00	CAP 0603 1N 50V X7R +-10%
C229	018-14100-00	CAP 0603 1N 50V X7R +-10%	C422	018-14100-00	CAP 0603 1N 50V X7R +-10%
C240	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C426	018-14100-00	CAP 0603 1N 50V X7R +-10%
C241	018-15100-00	CAP 0603 10N 50V X7R +-10%	C428	018-11560-10	CAP0603 CHIP 5P6 50V NPO+-0.1P
C242	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	C429	018-14100-00	CAP 0603 1N 50V X7R +-10%
C246	018-14100-00	CAP 0603 1N 50V X7R +-10%	C430	018-11220-10	CAP0603 CHIP 2P2 50V NPO+-0.1P
C247	014-07470-05	CAP TANT 4U7 16V 10% 1206	C431	018-11390-10	CAP0603 CHIP 3P9 50V NPO+-0.1P
C270	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C432	018-14100-00	CAP 0603 1N 50V X7R +-10%
C271	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C433	018-11180-10	CAP0603 CHIP 1P8 50V NPO+-0.1P
C272	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C434	018-12220-10	CAP 0603 CHIP 22P 50V NPO+-0.1
C273	018-15100-00	CAP 0603 10N 50V X7R +-10%	C435	018-12680-10	CAP 0603 CHIP 68P 50V NPO +-1%
C274	018-15100-00	CAP 0603 10N 50V X7R +-10%	C436	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C275	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%	C437	018-12150-10	CAP 0603 CHIP 15P 50V NPO +-1%
C276	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C5	018-15100-00	CAP 0603 10N 50V X7R +-10%
C278	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%	C502	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%

Ref	IPN	Description	Ref	IPN	Description
C504	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	D510	001-10099-01	D BAV99W DUAL SML SIG SOT323
C505	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC102	002-11125-00	IC TK11250 5VREG 130MA
C506	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC103	002-10003-58	IC SMD LM358 DUAL O-AMP
C506A	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%	IC201	002-11220-21	IC MC12202DT SER IP SYNTH
C512	018-12100-10	CAP 0603 CHIP 10P 50V NPO+-0.1	IC202	002-11125-00	IC TK11250 5VREG 130MA
C514	018-12470-10	CAP 0603 CHIP 47P 50V NPO+-0.1	IC203	002-10227-20	IC SMD TLC2272CD O-AMP
C515	018-12470-10	CAP 0603 CHIP 47P 50V NPO+-0.1	IC301	002-11315-00	IC MC13150 FM IF DeTeCToR
C516	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC302	002-20103-24	IC BA10324 4x OP AMP SSOP-14
C518	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC400	002-10091-60	IC MRFIC0916 CASCADE BUFFER
C520	018-14100-00	CAP 0603 1N 50V X7R +-10%	IC501	002-11810-50	IC DS1810R-5 5V 5% MUP RESET
C524	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC502	002-10681-10	SH)IC MC68HC11A1CFU MICRCTRLR
C525	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC503	002-30000-11	SH)ASIC COMM PLTRFM DGTL NTRL
C528	018-15100-00	CAP 0603 10N 50V X7R +-10%	IC504	002-12902-00	IC SST29EE020 256 FLASH MEMORY
C530	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	IC506	002-11125-00	IC TK11250 5VREG 130MA
C532	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC507	002-10126-71	IC SMD DS1267E/DS1868 DIGIPOT
C534	018-15100-00	CAP 0603 10N 50V X7R +-10%	IC508	002-16235-40	IC SMD M62354GP 8B 6CNL D-A
C535	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC509	002-18932-10	SH) IC SMD Z8932120FSCRXXX MA
C536	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC510	002-11454-80	IC SMD MC145480DW PCM
C540	018-15100-00	CAP 0603 10N 50V X7R +-10%	IC511	002-10003-24	IC SMD 324 4X O-AMP SO14
C542	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC512	002-10854-10	IC TDA8541T 1W AUDIO AMP
C543	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC513	002-10040-53	IC 4053B SMD BREQ B4 MAKE
C544	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC514	002-10021-00	IC PHN210 DUAL NCH EN MFET
C545	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	IC515	002-10003-21	IC SMD LMV321 SNGLE OP AMP
C548	014-18100-05	CAP TANT 10U 10V 10% 1206	L101	057-10010-20	IND 0603 BLM11-B102S 0.1A
C549	015-27100-10	CAP CER 0805 1M+80-20% Y5V 16V	L102	057-10010-20	IND 0603 BLM11-B102S 0.1A
C550	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L103	059-15390-00	IND FXD 0603HS 39NH 5%
C551	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L104	059-15390-00	IND FXD 0603HS 39NH 5%
C553	014-18100-05	CAP TANT 10U 10V 10% 1206	L106	057-10080-06	IND BLM41-P800 1A 180HM 100MHZ
C559	018-14100-00	CAP 0603 1N 50V X7R +-10%	L107	059-15820-10	IND FXD 1008CS 82NH 5%
C560	015-23470-08	CAP CER 0805 470P 10% X7R 50V	L108	052-57423-50	COIL A/W 5T/2.3MM SMD 0.57 (23
C561	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L111	057-10081-06	IND 1806 BLM41P750S EMI SUP
C566	018-13390-00	CAP0603 CHIP 390P 50V X7R+-10%	L112	052-57425-40	COIL A/W 4T/2.5MM SMD 0.57
C567	015-26220-08	CAP 0805 CHIP 220N 10% X7R 16V	L114	052-60906-30	MICROSPRING 3T 2.55NH SMD 10%
C568	018-14100-00	CAP 0603 1N 50V X7R +-10%	L115	052-57423-40	COIL A/W 4T/2.3MM SMD 0.57 (23
C569	018-15270-00	CAP 0603 CHIP 27N 50V X7R+-10%	L118	052-57425-70	COIL A/W 7T/2.5MM SMD 0.57
C571	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	L119	052-57422-60	COIL A/W 6T/2.2MM SMD 0.57
C572	015-26100-08	CAP CER 0805 100N 10% X7R 50V	L120	052-57423-70	COIL A/W 7T/2.3MM SMD 0.57
C573	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L121	059-17180-10	IND FXD 1008CS 1.8UH 5%
C574	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	L122	059-17180-10	IND FXD 1008CS 1.8UH 5%
C576	015-27100-10	CAP CER 0805 1M+80-20% Y5V 16V	L123	059-17180-10	IND FXD 1008CS 1.8UH 5%
C578	015-26220-08	CAP 0805 CHIP 220N 10% X7R 16V	L140	059-16180-05	IND FXD 0805CS 180NH 5%
C579	036-00000-00	RES 1206 0E 0.125W 5%	L202	059-16120-00	IND FXD 0603HS 120NH 5%
C581	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	L203	057-11220-02	IND 0603 BLM11A221 EMI SUPRS
C582	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	L270	050-10000-40	COIL SMD DC/DC CNVRTR
C583	015-27100-10	CAP CER 0805 1M+80-20% Y5V 16V	L301	057-00100-01	IND FXD 100NH 5%
C588	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	L302	059-16820-15	IND FXD 1008CS 820NH 2%
C590	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L306	057-00100-01	IND FXD 100NH 5%
C593	015-27100-10	CAP CER 0805 1M+80-20% Y5V 16V	L307	057-00100-01	IND FXD 100NH 5%
C594	014-07100-02	CAP TANT CHIP 1U0 3.2X1.6M 16V	L308	059-16560-10	IND FXD 1008CS 560NH 5%
C595	015-26220-08	CAP 0805 CHIP 220N 10% X7R 16V	L309	059-17220-10	IND FXD 1008CS 2.2UH 5%
C596	015-26220-08	CAP 0805 CHIP 220N 10% X7R 16V	L310	059-17270-10	IND FXD 1008CS 2.7UH 5%
C597	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L316	059-17330-10	IND FXD 1008CS 3.3UH 5%
C6	018-15100-00	CAP 0603 10N 50V X7R +-10%	L401	059-15680-15	IND FXD 1008CS 68NH 2%
C608	014-07470-05	CAP TANT 4U7 16V 10% 1206	L402	059-16820-10	IND FXD 1008CS 820NH 5%
C610	018-15100-00	CAP 0603 10N 50V X7R +-10%	L403	057-00004-73	IND FXD 4.7NH +5% 0603
C612	018-12390-10	CAP 0603 CHIP 39P 50V NPO +1%	L407	059-16820-10	IND FXD 1008CS 820NH 5%
C614	018-11270-10	CAP0603 CHIP 2P7 50V NPO+-0.1P	L408	059-16820-10	IND FXD 1008CS 820NH 5%
C616	018-14100-00	CAP 0603 1N 50V X7R +-10%	L411	059-16180-05	IND FXD 0805CS 180NH 5%
C618	018-14100-00	CAP 0603 1N 50V X7R +-10%	L413	059-15680-00	IND FXD 0603CS-68NHJBC 5%
C619	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%	L416	057-10010-20	IND 0603 BLM11-B102S 0.1A
C640	018-15100-00	CAP 0603 10N 50V X7R +-10%	L419	059-16120-00	IND FXD 0603HS 120NH 5%
C7	018-15100-00	CAP 0603 10N 50V X7R +-10%	L420	059-15470-00	IND FXD 0603HS 47NH 5%
C8	018-15100-00	CAP 0603 10N 50V X7R +-10%	L422	057-00004-73	IND FXD 4.7NH +5% 0603
C9	018-15100-00	CAP 0603 10N 50V X7R +-10%	L423	059-15220-00	IND FXD 0603HS 22NH 5%
			L424	059-15120-00	IND FXD 0603HS 12NH 5%
D1	008-10000-20	LED SMD RED/GREEN SML-020	M202	539-00010-58	VCTCXO 12.8MHZ+-2.5PPM -30+70
D101	001-10099-01	D BAV99W DUAL SML SIG SOT323	PL1	240-10000-14	CONN SMD 12WAY NON ZIF 1.0M
D103	001-10012-50	DIODE SMD MA4P1250 PIN3X2MM	Q1	000-10084-71	XSTR BC847BW NPN SOT323
D110	001-10630-40	DIODE SMD BAR63-04	Q101	000-10095-10	XSTR SMD BR951 NPN UHF
D205	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q102	000-10095-10	XSTR SMD BR951 NPN UHF
D206	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q103	000-10938-20	XSTR MRF9382TI HI FREQ PWRFET
D270	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q104	000-10150-80	XSTR SMD MRF1508 MOS NCHAN R
D301	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q105	000-10084-71	XSTR BC847BW NPN SOT323
D302	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q106	000-10085-71	XSTR SMD BC857BW PNP SOT323
D303	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q107	000-10084-71	XSTR BC847BW NPN SOT323
D305	001-10015-00	DIODE SMD BAT15-099R SCDT	Q108	000-10085-71	XSTR SMD BC857BW PNP SOT323
D404	001-10006-39	DIODE SMD VCAP BB639 SOD323	Q109	000-10085-71	XSTR SMD BC857BW PNP SOT323
D406	001-10018-05	D BAT18-05 DUAL COM CATH PIN	Q110	000-10084-71	XSTR BC847BW NPN SOT323
D407	001-10006-39	DIODE SMD VCAP BB639 SOD323	Q120	000-10085-71	XSTR SMD BC857BW PNP SOT323
D408	001-10006-39	DIODE SMD VCAP BB639 SOD323	Q2	000-10084-71	XSTR BC847BW NPN SOT323
D409	001-10006-39	DIODE SMD VCAP BB639 SOD323	Q205	000-10084-71	XSTR BC847BW NPN SOT323
D502	001-10056-01	DIODE BAW56W DUAL SS SOT323			
D504	001-10000-70	DIODE SMD BAV70 D-SW SOT23			
D506	001-10099-01	D BAV99W DUAL SML SIG SOT323			
D507	001-10099-01	D BAV99W DUAL SML SIG SOT323			
D508	001-10056-01	DIODE BAW56W DUAL SS SOT323			

Ref	IPN	Description	Ref	IPN	Description
Q280	000-10085-71	XSTR SMD BC857BW PNP SOT323	R17	038-13180-00	RES 0603 CHIP 180E 1/16W +-5%
Q281	000-10084-71	XSTR BC847BW NPN SOT323	R170	038-15100-00	RES 0603 10K 1/16W +-5%
Q3	000-11472-20	DGTL TRANS NPN BT47K BE22K	R171	038-16470-00	RES 0603 470K 1/16W +-5%
Q301	000-10009-41	XSTR SMD BR941L SOT23	R172	036-00100-04	RES 1210 0E1 0.5W 5%
Q305	002-10080-00	IC UPA800T 2x 2sc5008 xstr	R172A	038-12100-00	RES 0603 10E 1/16W +-5%
Q307	000-10084-71	XSTR BC847BW NPN SOT323	R173	038-16470-00	RES 0603 470K 1/16W +-5%
Q309	000-10418-10	XSTR 2SC4181 N SOT323 HI B	R174	038-17100-00	RES 0603 1M 1/16W +-5%
Q320	000-10084-71	XSTR BC847BW NPN SOT323	R175	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%
Q321	000-10084-71	XSTR BC847BW NPN SOT323	R176	038-16100-00	RES 0603 100K 1/16W +-5%
Q4	000-10085-71	XSTR SMD BC857BW PNP SOT323	R178	038-16100-00	RES 0603 100K 1/16W +-5%
Q400	000-10057-10	XSTR SMD BR571 NPN SOT23	R182	038-15100-00	RES 0603 10K 1/16W +-5%
Q402	000-10085-71	XSTR SMD BC857BW PNP SOT323	R183	038-15100-00	RES 0603 10K 1/16W +-5%
Q403	000-10085-71	XSTR SMD BC857BW PNP SOT323	R189	038-14470-00	RES 0603 4K7 1/16W +-5%
Q5	000-10085-71	XSTR SMD BC857BW PNP SOT323	R190	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%
Q502	000-10084-71	XSTR BC847BW NPN SOT323	R191	038-15100-00	RES 0603 10K 1/16W +-5%
Q503	000-10085-71	XSTR SMD BC857BW PNP SOT323	R192	038-15100-00	RES 0603 10K 1/16W +-5%
Q504	000-10084-71	XSTR BC847BW NPN SOT323	R193	038-14470-00	RES 0603 4K7 1/16W +-5%
Q505	000-10084-71	XSTR BC847BW NPN SOT323	R194	038-13220-00	RES 0603 220E 1/16W +-5%
Q506	000-10084-71	XSTR BC847BW NPN SOT323	R195	036-11390-00	RES M/F 0805 3E9 5%
Q513	000-10084-71	XSTR BC847BW NPN SOT323	R196	036-11390-00	RES M/F 0805 3E9 5%
Q514	000-10084-71	XSTR BC847BW NPN SOT323	R197	036-11390-00	RES M/F 0805 3E9 5%
Q516	000-10085-71	XSTR SMD BC857BW PNP SOT323	R2	038-13470-00	RES 0603 470E 1/16W +-5%
Q517	000-10085-71	XSTR SMD BC857BW PNP SOT323	R20	038-14220-00	RES 0603 2K2 1/16W +-5%
Q518	000-10084-71	XSTR BC847BW NPN SOT323	R201	038-15470-00	RES 0603 47K 1/16W +-5%
Q519	000-10084-71	XSTR BC847BW NPN SOT323	R202	038-15150-00	RES 0603 15K 1/16W +-5%
Q522	000-10084-71	XSTR BC847BW NPN SOT323	R203	038-15470-10	RES 0603 CHIP 47K 1/16W+-1%
Q524	000-10084-71	XSTR BC847BW NPN SOT323	R204	038-14100-00	RES 0603 1K0 1/16W +-5%
Q527	000-10084-71	XSTR BC847BW NPN SOT323	R205	038-14100-00	RES 0603 1K0 1/16W +-5%
Q529	000-10085-71	XSTR SMD BC857BW PNP SOT323	R219	038-14100-00	RES 0603 1K0 1/16W +-5%
Q530	000-10085-71	XSTR SMD BC857BW PNP SOT323	R221	038-12220-00	RES 0603 22E 1/16W +-5%
Q531	000-10084-71	XSTR BC847BW NPN SOT323	R223	038-12470-00	RES 0603 47E 1/16W +-5%
Q532	000-10084-71	XSTR BC847BW NPN SOT323	R224	038-12470-00	RES 0603 47E 1/16W +-5%
Q533	000-10085-71	XSTR SMD BC857BW PNP SOT323	R227	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
Q535	000-10085-71	XSTR SMD BC857BW PNP SOT323	R228	038-14100-00	RES 0603 1K0 1/16W +-5%
R1	038-13470-00	RES 0603 470E 1/16W +-5%	R229	038-15180-00	RES 0603 CHIP 18K 1/16W
R10	038-13150-00	RES 0603 150E 1/16W +-5%	R230	038-15270-00	RES 0603 27K 1/16W +-5%
R101	038-13150-00	RES 0603 150E 1/16W +-5%	R234	038-14330-00	RES 0603 3K3 1/16W +-5%
R102	038-12330-00	RES 0603 33E 1/16W +-5%	R236	038-14390-00	RES 0603 CHIP 3K9 1/16W +-5%
R103	038-13150-00	RES 0603 150E 1/16W +-5%	R237	038-14220-00	RES 0603 2K2 1/16W +-5%
R104	038-13330-00	RES 0603 330E 1/16W +-5%	R238	038-17100-00	RES 0603 1M 1/16W +-5%
R105	038-14100-00	RES 0603 1K0 1/16W +-5%	R240	038-12470-00	RES 0603 47E 1/16W +-5%
R106	038-13100-00	RES 0603 100E 1/16W +-5%	R242	038-15150-00	RES 0603 15K 1/16W +-5%
R107	038-12680-00	RES 68 5% CHIP 0603	R245	038-14220-00	RES 0603 2K2 1/16W +-5%
R108	038-12330-00	RES 0603 33E 1/16W +-5%	R246	038-14150-00	RES 0603 1K5 1/16W +-5%
R109	038-13120-00	RES 0603 CHIP 120E 1/16W +-5%	R270	038-12220-00	RES 0603 22E 1/16W +-5%
R110	038-13390-00	RES 0603 CHIP 390E 1/16W +-5%	R281	038-12220-00	RES 0603 22E 1/16W +-5%
R111	038-12220-00	RES 0603 22E 1/16W +-5%	R282	038-15470-10	RES 0603 CHIP 47K 1/16W+-1%
R113	038-13150-00	RES 0603 150E 1/16W +-5%	R283	038-15270-00	RES 0603 27K 1/16W +-5%
R114	038-12390-00	RES 0603 CHIP 39E 1/16W +-5%	R284	038-13100-00	RES 0603 100E 1/16W +-5%
R115	038-13150-00	RES 0603 150E 1/16W +-5%	R285	038-13330-00	RES 0603 330E 1/16W +-5%
R119	038-15100-00	RES 0603 10K 1/16W +-5%	R286	038-16105-10	RES 0603 CHIP 105K 1/16W +-1%
R12	038-15470-00	RES 0603 47K 1/16W +-5%	R3	038-14100-00	RES 0603 1K0 1/16W +-5%
R120	038-14330-00	RES 0603 3K3 1/16W +-5%	R301	038-13560-00	RES 0603 CHIP 560E 1/16W +-5%
R121	038-15560-00	RES 0603 56K 1/16W +-5%	R302	038-14560-00	RES 0603 5K6 1/16W +-5%
R121A	038-16150-00	RES 0603 150K 1/16W +-5%	R303	038-13680-00	RES 0603 680E 1/16W +-5%
R121B	038-15330-00	RES 0603 CHIP 33K 1/16W +-5%	R304	038-15100-00	RES 0603 10K 1/16W +-5%
R122	038-14470-00	RES 0603 4K7 1/16W +-5%	R305	038-16100-00	RES 0603 100K 1/16W +-5%
R124	038-15270-20	RES 0603 CHIP 27K +-0.5%	R306	038-14470-00	RES 0603 4K7 1/16W +-5%
R129	038-15150-00	RES 0603 15K 1/16W +-5%	R307	038-11470-00	RES 0603 4E7 1/16W +-5%
R13	038-15470-00	RES 0603 47K 1/16W +-5%	R308	038-15100-00	RES 0603 10K 1/16W +-5%
R130	038-15100-20	RES 0603 CHIP 10K +-0.5%	R309	038-16100-00	RES 0603 100K 1/16W +-5%
R131	038-12180-00	RES 0603 CHIP 18E 1/16W +-5%	R310	038-16100-00	RES 0603 100K 1/16W +-5%
R132	038-12180-00	RES 0603 CHIP 18E 1/16W +-5%	R311	038-12470-00	RES 0603 47E 1/16W +-5%
R135	038-13390-00	RES 0603 CHIP 390E 1/16W +-5%	R315	038-13100-00	RES 0603 100E 1/16W +-5%
R136	038-12100-00	RES 0603 10E 1/16W +-5%	R316	038-14180-00	RES 0603 CHIP 1K8 1/16W
R137	038-15560-00	RES 0603 56K 1/16W +-5%	R317	038-15120-00	RES 0603 CHIP 12K 1/16W +-5%
R138	036-12470-00	RES M/F 0805 47E 5%	R318	038-15180-00	RES 0603 CHIP 18K 1/16W
R139	036-02180-02	RES 18E 1206 CHIP 200V +-5% 250	R319	038-15100-00	RES 0603 10K 1/16W +-5%
R14	038-14470-00	RES 0603 4K7 1/16W +-5%	R321	038-14560-00	RES 0603 5K6 1/16W +-5%
R140	036-02180-02	RES 18E 1206 CHIP 200V +-5% 250	R322	036-10000-00	RES M/F 0805 ZERO OHM
R141	036-03220-07	RES 220E 0.5W5% 2010 PWR CHP	R323	038-16100-00	RES 0603 100K 1/16W +-5%
R142	036-13680-00	RES M/F 0805 680E 5%	R324	038-15100-00	RES 0603 10K 1/16W +-5%
R143	038-16100-00	RES 0603 100K 1/16W +-5%	R326	038-13820-00	RES 0603 CHIP 820E 1/16W +-5%
R15	038-14220-00	RES 0603 2K2 1/16W +-5%	R327	038-14680-00	RES 0603 6K8 1/16W +-5%
R153	038-13100-00	RES 0603 100E 1/16W +-5%	R328	038-15270-00	RES 0603 27K 1/16W +-5%
R159	038-15270-20	RES 0603 CHIP 27K +-0.5%	R329	038-14220-00	RES 0603 2K2 1/16W +-5%
R16	038-12330-00	RES 0603 33E 1/16W +-5%	R330	038-14100-00	RES 0603 1K0 1/16W +-5%
R160	038-16100-00	RES 0603 100K 1/16W +-5%	R331	038-13100-00	RES 0603 100E 1/16W +-5%
R164	038-15470-00	RES 0603 47K 1/16W +-5%	R333	038-16820-00	RES 0603 CHIP 820K 1/16W +-5%
R165	038-14390-00	RES 0603 CHIP 3K9 1/16W +-5%	R334	038-15120-00	RES 0603 CHIP 12K 1/16W +-5%
R167	038-14100-00	RES 0603 1K0 1/16W +-5%	R335	038-15820-00	RES 0603 82K 1/16W +-5%
R167A	038-14100-00	RES 0603 1K0 1/16W +-5%	R336	038-15820-00	RES 0603 82K 1/16W +-5%
R167B	038-14100-00	RES 0603 1K0 1/16W +-5%	R337	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
R168	038-15100-20	RES 0603 CHIP 10K +-0.5%	R338	038-16150-00	RES 0603 150K 1/16W +-5%
R169	038-16100-00	RES 0603 100K 1/16W +-5%	R339	038-17100-00	RES 0603 1M 1/16W +-5%
			R340	038-14270-00	RES 0603 CHIP 2K7 1/16W +-5%

Ref	IPN	Description	Ref	IPN	Description
R341	038-16220-00	RES 0603 220K 1/16W +5%	R539	038-14220-00	RES 0603 2K2 1/16W +-5%
R342	038-16220-00	RES 0603 220K 1/16W +5%	R540	038-14220-00	RES 0603 2K2 1/16W +5%
R344	038-16560-00	RES 0603 CHIP 560K 1/16W +5%	R541	038-15390-00	RES 0603 CHIP 39K 1/16W +5%
R345	038-12820-00	RES 0603 CHIP 82E 1/16W +5%	R542	038-15470-00	RES 0603 47K 1/16W +5%
R346	038-14270-00	RES 0603 CHIP 2K7 1/16W +5%	R543	038-15220-00	RES 0603 CHIP 22K 1/16W +5%
R347	038-13820-00	RES 0603 CHIP 820E 1/16W +5%	R544	038-15470-00	RES 0603 47K 1/16W +5%
R348	038-15150-00	RES 0603 15K 1/16W +5%	R545	038-16100-00	RES 0603 100K 1/16W +5%
R349	045-15100-00	RES NTC SMD 10K 5%	R546	038-14100-00	RES 0603 1K0 1/16W +5%
R350	038-15150-00	RES 0603 15K 1/16W +5%	R547	038-15470-00	RES 0603 47K 1/16W +5%
R351	038-16100-00	RES 0603 100K 1/16W +5%	R548	038-14330-00	RES 0603 3K3 1/16W +5%
R352	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%	R549	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
R353	038-15100-00	RES 0603 10K 1/16W +5%	R550	038-14560-00	RES 0603 5K6 1/16W +5%
R354	038-15150-00	RES 0603 15K 1/16W +5%	R552	038-15470-00	RES 0603 47K 1/16W +5%
R355	038-15470-00	RES 0603 47K 1/16W +5%	R554	038-15470-00	RES 0603 47K 1/16W +5%
R356	038-14470-00	RES 0603 4K7 1/16W +5%	R556	038-15470-00	RES 0603 47K 1/16W +5%
R358	038-14220-00	RES 0603 2K2 1/16W +5%	R558	038-15470-00	RES 0603 47K 1/16W +5%
R365	038-13100-00	RES 0603 100E 1/16W +5%	R560	038-15470-00	RES 0603 47K 1/16W +5%
R370	038-16680-00	RES 0603 CHIP 680K 1/16W +5%	R561	038-15470-00	RES 0603 47K 1/16W +5%
R371	038-14100-00	RES 0603 1K0 1/16W +5%	R562	038-15470-00	RES 0603 47K 1/16W +5%
R372	038-16150-00	RES 0603 150K 1/16W +5%	R564	038-15470-00	RES 0603 47K 1/16W +5%
R373	038-15100-00	RES 0603 10K 1/16W +5%	R565A	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
R380	038-15100-00	RES 0603 10K 1/16W +5%	R565B	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
R381	038-15100-00	RES 0603 10K 1/16W +5%	R565D	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
R390	038-16330-00	RES 0603 CHIP 330K 1/16W +5%	R566	038-14470-00	RES 0603 4K7 1/16W +5%
R391	038-15680-00	RES 0603 CHIP 68K 1/16W +5%	R568	038-14470-00	RES 0603 4K7 1/16W +5%
R392	045-15100-00	RES NTC SMD 10K 5%	R570	038-15100-00	RES 0603 10K 1/16W +5%
R393	038-16100-00	RES 0603 100K 1/16W +5%	R571	038-16680-00	RES 0603 CHIP 680K 1/16W +5%
R394	038-15100-00	RES 0603 10K 1/16W +5%	R572	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
R395	038-15100-00	RES 0603 10K 1/16W +5%	R573	038-14100-00	RES 0603 1K0 1/16W +5%
R4	038-14100-00	RES 0603 1K0 1/16W +5%	R574	038-17560-00	RES 0603 CHIP 5M6 1/16W +-5%
R400	038-14560-00	RES 0603 5K6 1/16W +5%	R575	038-12220-00	RES 0603 22E 1/16W +5%
R401	038-14390-00	RES 0603 CHIP 3K9 1/16W +-5%	R576	038-15100-20	RES 0603 CHIP 10K +-0.5%
R402	038-13120-00	RES 0603 CHIP 120E 1/16W +5%	R577	038-14680-00	RES 0603 6K8 1/16W +5%
R403	038-12220-00	RES 0603 22E 1/16W +5%	R578	038-15100-00	RES 0603 10K 1/16W +5%
R404	038-13390-00	RES 0603 CHIP 390E 1/16W +5%	R579	038-14820-00	RES 0603 8K2 1/16W +5%
R408	038-12270-00	RES 0603 CHIP 27E 1/16W +5%	R580	038-14100-00	RES 0603 1K0 1/16W +5%
R411	038-12270-00	RES 0603 CHIP 27E 1/16W +5%	R581	038-14470-00	RES 0603 4K7 1/16W +5%
R414	038-13390-00	RES 0603 CHIP 390E 1/16W +5%	R582	038-15220-00	RES 0603 CHIP 22K 1/16W +5%
R415	038-14470-00	RES 0603 4K7 1/16W +5%	R583	038-14680-00	RES 0603 6K8 1/16W +5%
R416	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%	R584	038-17221-10	RES 0603 CHIP 2M21 16W +-1%
R420	038-14470-00	RES 0603 4K7 1/16W +5%	R585	038-17100-00	RES 0603 1M 1/16W +5%
R421	038-13120-00	RES 0603 CHIP 120E 1/16W +5%	R586	038-15680-00	RES 0603 CHIP 68K 1/16W +5%
R422	038-12220-00	RES 0603 22E 1/16W +5%	R587	038-17100-00	RES 0603 1M 1/16W +5%
R424	038-14470-00	RES 0603 4K7 1/16W +5%	R588	038-15560-00	RES 0603 56K 1/16W +5%
R5	038-14220-00	RES 0603 2K2 1/16W +5%	R589	038-14470-00	RES 0603 4K7 1/16W +5%
R501	038-14470-00	RES 0603 4K7 1/16W +5%	R590	038-13470-00	RES 0603 470E 1/16W +5%
R502	038-16100-00	RES 0603 100K 1/16W +5%	R591	038-15560-00	RES 0603 56K 1/16W +5%
R503	038-15470-00	RES 0603 47K 1/16W +5%	R6	038-12100-00	RES 0603 10E 1/16W +5%
R504	038-15470-00	RES 0603 47K 1/16W +5%	R601	038-15270-00	RES 0603 27K 1/16W +5%
R505	038-15470-00	RES 0603 47K 1/16W +5%	R602	038-14150-00	RES 0603 1K5 1/16W +5%
R506	038-15470-00	RES 0603 47K 1/16W +5%	R603	038-17100-00	RES 0603 1M 1/16W +5%
R507	038-15470-00	RES 0603 47K 1/16W +5%	R604	038-15330-00	RES 0603 CHIP 33K 1/16W +5%
R508	038-14470-00	RES 0603 4K7 1/16W +5%	R606	038-15470-10	RES 0603 CHIP 47K 1/16W+-1%
R510	038-15100-00	RES 0603 10K 1/16W +5%	R608	038-14330-00	RES 0603 3K3 1/16W +5%
R511A	038-15270-20	RES 0603 CHIP 27K +-0.5%	R610	038-14150-00	RES 0603 1K5 1/16W +5%
R511B	045-15100-00	RES NTC SMD 10K 5%	R614	038-15470-00	RES 0603 47K 1/16W +5%
R511C	038-15100-00	RES 0603 10K 1/16W +5%	R615	038-15470-00	RES 0603 47K 1/16W +5%
R511D	038-14470-00	RES 0603 4K7 1/16W +5%	R616	038-15270-00	RES 0603 27K 1/16W +5%
R512	038-15100-00	RES 0603 10K 1/16W +5%	R617	038-15220-00	RES 0603 CHIP 22K 1/16W +5%
R513	038-15100-00	RES 0603 10K 1/16W +5%	R618	038-15100-00	RES 0603 10K 1/16W +5%
R514	038-16100-00	RES 0603 100K 1/16W +5%	R620	038-13100-00	RES 0603 100E 1/16W +5%
R515	038-15470-00	RES 0603 47K 1/16W +5%	R632	038-15120-00	RES 0603 CHIP 12K 1/16W +5%
R516	038-16150-00	RES 0603 150K 1/16W +5%	R633	038-16330-00	RES 0603 CHIP 330K 1/16W +5%
R517	038-15470-00	RES 0603 47K 1/16W +5%	R634	038-14470-00	RES 0603 4K7 1/16W +5%
R518	038-15270-00	RES 0603 27K 1/16W +5%	R635	038-15470-00	RES 0603 47K 1/16W +5%
R519	038-15220-00	RES 0603 CHIP 22K 1/16W +5%	R636	038-15220-00	RES 0603 CHIP 22K 1/16W +5%
R520	038-16180-00	RES 0603 CHIP 180K 1/16W +5%	R639	038-15470-00	RES 0603 47K 1/16W +5%
R521	038-15220-00	RES 0603 CHIP 22K 1/16W +5%	R640	038-16100-00	RES 0603 100K 1/16W +5%
R522	038-12220-00	RES 0603 22E 1/16W +5%	R641	038-15270-00	RES 0603 27K 1/16W +5%
R523	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%	R642	038-15470-00	RES 0603 47K 1/16W +5%
R524	038-16100-00	RES 0603 100K 1/16W +5%	R643	038-15470-00	RES 0603 47K 1/16W +5%
R525	038-15470-00	RES 0603 47K 1/16W +5%	R644	038-15220-00	RES 0603 CHIP 22K 1/16W +5%
R526	038-15100-00	RES 0603 10K 1/16W +5%	R646	038-15100-00	RES 0603 10K 1/16W +5%
R527	038-15470-00	RES 0603 47K 1/16W +5%	R647	038-16100-00	RES 0603 100K 1/16W +5%
R528	038-18100-00	RES 0603 CHIP 10M 1/16W +-5%	R648	038-15470-00	RES 0603 47K 1/16W +5%
R529	038-15470-00	RES 0603 47K 1/16W +5%	R649	038-14470-00	RES 0603 4K7 1/16W +5%
R530	038-14100-00	RES 0603 1K0 1/16W +5%	R650	038-14470-00	RES 0603 4K7 1/16W +5%
R530A	038-15100-00	RES 0603 10K 1/16W +5%	R653	038-15470-00	RES 0603 47K 1/16W +5%
R531	038-16100-00	RES 0603 100K 1/16W +5%	R654	038-16100-00	RES 0603 100K 1/16W +5%
R532	038-18100-00	RES 0603 CHIP 10M 1/16W +-5%	R655	038-15470-00	RES 0603 47K 1/16W +5%
R533	038-16105-10	RES 0603 CHIP 105K 1/16W +-1%	R656	038-14220-00	RES 0603 2K2 1/16W +5%
R534	038-16220-00	RES 0603 220K 1/16W +5%	R657	038-16180-00	RES 0603 CHIP 180K 1/16W +5%
R535	038-15100-20	RES 0603 CHIP 10K +-0.5%	R658	038-15470-00	RES 0603 47K 1/16W +5%
R536	038-15470-10	RES 0603 CHIP 47K 1/16W+-1%	R672	038-17100-00	RES 0603 1M 1/16W +5%
R537	038-15270-20	RES 0603 CHIP 27K +-0.5%	R674	038-17100-00	RES 0603 1M 1/16W +5%
R538	038-16100-00	RES 0603 100K 1/16W +5%	R676	038-17100-00	RES 0603 1M 1/16W +5%

Ref	IPN	Description	Ref	IPN	Description
R678	038-16220-00	RES 0603 220K 1/16W +-5%			
R679	038-15100-00	RES 0603 10K 1/16W +-5%			
R685	038-14100-00	RES 0603 1K0 1/16W +-5%			
R685A	038-15470-00	RES 0603 47K 1/16W +-5%			
R686	038-14100-00	RES 0603 1K0 1/16W +-5%			
R686A	038-15470-00	RES 0603 47K 1/16W +-5%			
R687	038-14100-00	RES 0603 1K0 1/16W +-5%			
R688	038-17100-00	RES 0603 1M 1/16W +-5%			
R689	038-13470-00	RES 0603 470E 1/16W +-5%			
R690	038-15100-00	RES 0603 10K 1/16W +-5%			
R691	038-14100-00	RES 0603 1K0 1/16W +-5%			
R692	038-15470-00	RES 0603 47K 1/16W +-5%			
R693	038-15470-00	RES 0603 47K 1/16W +-5%			
R694	038-15470-00	RES 0603 47K 1/16W +-5%			
R695	038-14470-00	RES 0603 4K7 1/16W +-5%			
R7	038-12100-00	RES 0603 10E 1/16W +-5%			
R8	038-13330-00	RES 0603 330E 1/16W +-5%			
R9	038-13470-00	RES 0603 470E 1/16W +-5%			
SWITCH	240-10100-01	CONN SMD SWTCHD MICRO COAX			
XF301	276-10000-09	FLTR XTL 21.4MHZ 12KHZ BW			
XF302	276-10000-10	FLTR XTL 21.4MHZ 15KHZ BW			
XF303	276-10000-05	FLTR CER 455KHZ 10KHZ			
XF304	276-10000-05	FLTR CER 455KHZ 10KHZ			
XL301	274-10012-00	XTL20.945 MHZ SMX-1S TE21			
XL501	274-10011-00	XTL 16.128 MHZ +20PPM T			

Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit
C1	1:L3	1-B4	C219	1:D6	5-H6	C370	2:L4	3-M2	C595	1:H2	4-P7
C2	1:K2	1-B1	C220	1:E6	5-H6	C372	2:L6	3-P2	C596	1:K1	4-Q8
C3	1:K2	1-B2	C222	1:E6	5-H5	C375	2:L6	3-Q3	C597	1:H2	4-R7
C4	1:K2	1-B1	C223	1:E5	5-J6	C376	2:L5	3-Q2	C608	2:C6	4-P6
C5	1:K3	1-B2	C226	1:E5	5-K5	C378	2:L4	3-Q3	C610	2:B6	4-R7
C6	1:K2	1-C1	C229	1:G6	5-B3	C379	1:L5	3-Q1	C612	2:B6	4-R6
C7	1:K2	1-C2	C240	1:G6	5-B3	C384	2:K6	3-L0	C614	2:B6	4-S6
C8	1:K3	1-C1	C241	1:G6	5-C3	C385	2:L6	3-P1	C616	2:C6	4-S6
C9	1:K3	1-C2	C242	1:H6	5-C3	C400	2:F4	7-B7	C618	2:C6	4-S6
C10	1:J3	1-C1	C243	1:G6	5-B1	C409	2:F5	7-B6	C619	1:A6	4-W7
C11	1:K1	1-D1	C246	1:E6	5-F3	C410	2:E6	7-E5	C640	2:E4	4-U2
C15	1:H4	1-B0	C247	1:D6	5-G3	C414	2:E4	7-F3			
C16	1:H3	1-C0	C270	2:A3	6-C4	C415	2:E5	7-G2	D1	2:L3	1-R9
C101	1:G5	2-A2	C271	1:A4	6-D4	C419	2:E6	7-G4	D1	2:L3	1-R8
C102	1:G5	2-B2	C272	2:A3	6-E4	C422	2:E4	7-J2	D101	1:G4	2-P4
C104	1:G6	2-B3	C273	2:A3	6-E5	C426	2:E6	7-J3	D101	1:G4	2-N4
C105	1:G5	2-C3	C274	1:A2	6-D5	C428	2:E5	7-E3	D103	2:J2	2-N3
C106	1:H5	2-C2	C275	2:A2	6-F5	C429	2:E6	7-H4	D110	2:J3	2-N1
C107	1:G6	2-C4	C276	2:A2	6-G5	C430	2:F5	7-C6	D110	2:J3	2-N1
C108	1:H6	2-D3	C278	2:A2	6-G4	C431	2:E5	7-C4	D205	1:D5	5-H8
C109	1:H5	2-D3	C279	1:A4	6-H4	C432	2:F6	7-B5	D205	1:D5	5-H8
C110	1:H5	2-D2	C280	1:A2	6-J4	C433	2:F6	7-C6	D206	1:D6	5-G3
C111	1:H5	2-E2	C301	2:J4	3-B6	C434	2:E6	7-J3	D206	1:D6	5-H3
C112	1:G4	2-H4	C302	2:J4	3-B6	C435	2:F6	7-D6	D270	2:A2	6-G5
C113	2:G5	2-H3	C303	2:J4	3-C6	C436	2:F5	7-B5	D270	2:A2	6-G4
C114	2:H4	2-H5	C304	2:J4	3-C6	C437	2:E6	7-K3	D301	2:J4	3-C6
C115	2:G2	2-K3	C305	2:J4	3-C6	C502	1:F4	4-D9	D302	2:J6	3-F6
C116	2:H3	2-L5	C306	2:J4	3-C6	C504	1:F4	4-E9	D303	2:H6	3-G6
C117	2:F4	2-Q7	C309	2:J4	3-C7	C505	1:D4	4-A5	D305	2:G6	3-J6
C118	1:J4	2-H8	C310	2:J5	3-D7	C506	2:D3	4-B5	D404	2:F6	7-D5
C119	1:H4	2-J8	C311	1:H5	3-D8	C506A	2:E3	4-A5	D406	2:E5	7-G3
C120	1:H6	2-M7	C312	2:H5	3-D7	C512	2:D3	4-C3	D406	2:E5	7-G2
C121	1:H6	2-N7	C315	2:J5	3-E6	C514	2:D3	4-C3	D407	2:F6	7-D5
C122	1:J4	2-H7	C316	2:J6	3-E6	C515	2:E3	4-C3	D408	2:F6	7-D5
C123	1:H6	2-N7	C317	2:J6	3-E6	C516	2:E3	4-D3	D409	2:F6	7-D5
C124	1:H6	2-P7	C318	2:J6	3-F6	C518	1:D1	4-E2	D502	2:E2	4-G6
C130	2:H5	2-E2	C319	2:J6	3-F6	C520	1:G1	4-T0	D502	2:E2	4-G5
C133	2:H5	2-G3	C320	2:J6	3-F5	C524	2:B2	4-J6	D504	2:B1	4-J7
C135	2:G4	2-H2	C325	2:J6	3-F7	C525	2:C1	4-I7	D504	2:B1	4-J7
C136	1:G4	2-L4	C326	2:H6	3-G6	C528	2:A1	4-K6	D506	2:C6	4-P6
C138	2:G3	2-J3	C326A	2:H6	3-H6	C530	2:A2	4-K6	D506	2:C6	4-P6
C139	2:G2	2-K3	C327	2:H6	3-G6	C532	2:B6	4-J4	D507	1:G2	4-S0
C140	2:G2	2-K2	C328	2:H6	3-G5	C534	2:B6	4-K4	D507	1:G2	4-S0
C141	2:G1	2-L2	C329	2:H6	3-H6	C535	1:H1	4-T0	D508	2:C4	4-R2
C142	2:H1	2-L2	C331	2:F6	3-K6	C536	1:H1	4-T0	D508	2:C4	4-R2
C143	2:H2	2-L2	C332	1:J6	3-K6	C540	2:A6	4-L3	D510	2:C5	4-M3
C144	2:H2	2-M2	C333	1:J6	3-L6	C542	2:B6	4-H2	D510	2:C5	4-L3
C145	2:H2	2-K4	C334	1:J6	3-L6	C543	1:B4	4-H2			
C146	2:H4	2-F4	C335	1:J6	3-L6	C544	2:B6	4-J1	IC102	1:H6	2-N7
C150	1:G3	2-J5	C336	1:J6	3-M6	C545	1:A6	4-K0	IC103	1:J3	2-D7
C170	2:J2	2-N3	C337	1:K6	3-M6	C548	2:B6	4-L0	IC103	1:J3	2-K7
C171	2:H2	2-M3	C338	1:K6	3-M7	C549	1:A6	4-M0	IC103	1:J3	2-H7
C176	2:J2	2-M3	C339	1:K6	3-N6	C550	1:B6	4-L0	IC201	1:D5	5-E6
C179	2:J2	2-P3	C340	1:K6	3-M7	C551	1:A6	4-M0	IC202	1:G6	5-C3
C180	2:J2	2-P2	C342	1:K6	3-P6	C553	1:A5	4-M0	IC203	1:E5	5-J5
C182	2:J2	2-P2	C343	1:K6	3-P6	C559	1:C5	4-L1	IC203	1:E5	5-A6
C183	2:K2	2-P2	C344	1:K5	3-Q6	C560	2:A6	4-M1	IC203	1:E5	5-G6
C185	2:J2	2-Q3	C345	1:K5	3-Q6	C561	1:C6	4-N1	IC301	2:K5	3-E2
C186	2:K2	2-Q2	C346	1:K5	3-Q6	C566	2:C6	4-N1	IC301	2:K5	3-G1
C187	2:K2	2-Q2	C350	1:J5	3-B1	C567	1:C5	4-N2	IC301	2:K5	3-B2
C188	2:K2	2-R2	C351	2:K6	3-B1	C568	2:C6	4-N2	IC302	1:L5	3-M1
C192	2:J4	2-L1	C352	2:K6	3-B2	C569	1:C5	4-O1	IC302	1:L5	3-N1
C193	2:J4	2-L0	C355	2:K3	3-E2	C571	2:A6	4-O0	IC302	1:L5	3-N2
C195	2:J3	2-N0	C356	2:K6	3-E3	C572	2:C5	4-P1	IC302	1:L5	3-L2
C200	1:E5	5-B6	C357	2:K6	3-E3	C573	1:G1	4-S1	IC302	1:L5	3-Q3
C201	2:D4	5-C8	C358	2:K6	3-F3	C574	2:C5	4-P0	IC400	2:E5	7-D3
C202	2:D6	5-C7	C359	2:K4	3-G2	C576	2:C5	4-P1	IC501	2:D2	4-A9
C208	1:D5	5-E8	C360	2:K4	3-G2	C578	2:C5	4-Q1	IC502	1:F2	4-D7
C209	1:D5	5-E8	C362	2:K6	3-K3	C579	1:C5	4-N0	IC503-FB	1:C2	4-A0
C211	1:D6	5-F8	C363	2:K6	3-K3	C581	1:G1	4-R0	IC503-FA	1:E4	4-A0
C213	1:G6	5-F8	C364	2:K4	3-K1	C582	1:A4	4-R1	IC503	1:D3	4-A4
C214	1:E5	5-F7	C365	2:K3	3-G3	C583	2:C4	4-S2	IC503	1:D3	4-D3
C215	1:E5	5-G7	C366	2:K6	3-L2	C588	2:C4	4-S0	IC504-FB	1:C1	4-A0
C216	1:E5	5-G7	C367	2:L4	3-M2	C590	2:C6	4-T0	IC504-FA	1:C3	4-A0
C217	1:D6	5-F5	C368	2:L4	3-M2	C593	1:J2	4-P8	IC504	1:C3	4-D1
C218	1:E6	5-H5	C369	2:L6	3-N2	C594	1:H2	4-P8	IC506	2:B1	4-K7

Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit
IC507	1:B6	4-Q3	Q3	1:K6	1-N4	R112	1:H6	2-D4	R270	1:A4	6-D4
IC507	1:B6	4-L2	Q4	1:L6	1-P5	R113	1:H5	2-E2	R281	1:A4	6-D4
IC507	1:B6	4-H2	Q5	1:K6	1-P5	R114	1:H5	2-E2	R282	1:A3	6-D5
IC508	2:A6	4-J3	Q101	1:G5	2-C2	R115	1:H5	2-E2	R283	2:B2	6-F5
IC509	1:B2	4-I0	Q102	1:H5	2-D2	R119	1:J3	2-K7	R284	2:A3	6-G5
IC510	1:B5	4-J0	Q103	2:G5	2-G2	R120	1:J4	2-H8	R285	1:A3	6-H5
IC511	1:C6	4-Q6	Q104	2:G3	2-K2	R121	1:G4	2-L4	R286	1:A3	6-H5
IC511	1:C6	4-N1	Q105	1:G5	2-F4	R121A	1:H4	2-M4	R301	2:H5	3-D8
IC511	1:C6	4-R6	Q106	1:G5	2-F4	R121B	1:G4	2-M4	R302	2:J5	3-D7
IC511	1:C6	4-O6	Q107	1:G4	2-L4	R122	1:H3	2-L7	R303	2:J5	3-D6
IC511	1:C6	4-T0	Q108	1:H4	2-J8	R124	1:J3	2-L7	R304	2:J4	3-C7
IC512	1:J2	4-Q7	Q109	1:J4	2-J8	R129	1:H6	2-P8	R305	2:J4	3-C7
IC513	1:C5	4-Q1	Q110	1:H3	2-L6	R130	1:J3	2-K7	R306	2:J5	3-D6
IC513	1:C5	4-M2	Q120	2:H3	2-M0	R131	1:H6	2-P7	R307	2:J5	3-D6
IC513	1:C5	4-O0	Q205	1:D6	5-G3	R132	1:H6	2-P7	R308	2:H6	3-F7
IC513	1:C5	4-R0	Q280	1:A3	6-D5	R135	2:H5	2-F3	R309	2:J6	3-F6
IC514	1:J1	4-R8	Q281	2:A2	6-F5	R136	2:H5	2-F2	R310	2:H6	3-G6
IC514	1:J1	4-R7	Q301	2:J5	3-D6	R137	1:G3	2-J3	R311	2:J5	3-E7
IC515	1:G1	4-S0	Q305	1:K6	3-N6	R138	2:F3	2-J3	R314	2:F6	3-K6
			Q305	1:K6	3-N7	R139	2:G3	2-J2	R315	1:K6	3-M8
L101	1:G5	2-C3	Q307	2:K3	3-D2	R140	2:G3	2-J2	R316	1:K6	3-M7
L102	1:H5	2-D3	Q309	2:L6	3-P2	R141	2:F2	2-K2	R317	1:K6	3-M7
L103	1:H5	2-D2	Q320	1:L5	3-R2	R142	2:G5	2-G3	R318	1:K6	3-M7
L104	2:H5	2-F2	Q321	2:L3	3-R1	R143	1:G4	2-N5	R319	1:K6	3-N6
L106	2:G5	2-G4	Q400	2:F5	7-B6	R153	1:J4	2-J8	R320	1:J6	3-K7
L107	2:G5	2-G3	Q402	2:E6	7-G5	R159	1:H3	2-J6	R321	1:K6	3-N7
L108	2:G4	2-H2	Q403	2:E6	7-H5	R160	2:H3	2-M0	R322	1:K5	3-B1
L111	2:H3	2-K4	Q502	2:E3	4-C3	R164	2:H3	2-M0	R323	1:K5	3-B1
L112	2:G2	2-K3	Q503	2:C1	4-H7	R165	2:H4	2-M0	R324	2:K6	3-C1
L114	2:G1	2-L3	Q504	2:C1	4-I6	R167	2:J3	2-N0	R325	1:J5	3-B1
L115	2:H1	2-L3	Q505	2:D1	4-I6	R167A	2:J3	2-P0	R326	2:K3	3-C2
L118	2:J2	2-P3	Q506	2:A4	4-Q5	R167B	2:J3	2-P0	R327	2:K3	3-D2
L119	2:K2	2-Q3	Q513	2:C6	4-L4	R168	1:H3	2-J6	R328	2:K3	3-D2
L120	2:K2	2-Q3	Q514	2:C5	4-P1	R169	1:J4	2-J7	R329	2:K3	3-D3
L121	2:J2	2-N3	Q516	2:C4	4-R1	R170	1:J3	2-K6	R330	2:K3	3-E2
L122	2:J4	2-N1	Q517	2:C4	4-R2	R171	1:J3	2-K7	R331	2:K6	3-K3
L123	2:J3	2-N1	Q518	2:C5	4-S0	R172	1:G3	2-J5	R333	2:K4	3-J0
L124	2:J3	2-L1	Q519	2:C4	4-S1	R172A	2:H3	2-K4	R334	2:K4	3-J0
L140	2:F2	2-K3	Q522	1:J2	4-P7	R173	1:J3	2-K6	R335	2:K4	3-J0
L202	1:D6	5-F9	Q524	1:H2	4-P7	R174	1:J4	2-H6	R336	2:K6	3-K0
L203	1:G6	5-B3	Q527	2:A5	4-N0	R175	1:H4	2-J8	R337	2:L4	3-M2
L270	2:A3	6-E4	Q529	2:A5	4-M0	R176	1:H4	2-J8	R338	2:K6	3-L2
L301	2:H4	3-C5	Q530	1:A6	4-L0	R178	1:H4	2-J8	R339	2:L6	3-P2
L302	2:J5	3-D7	Q531	2:F4	4-J5	R182	1:J4	2-K8	R340	2:L4	3-M2
L306	2:J6	3-F5	Q532	2:A5	4-N0	R183	1:J4	2-K8	R341	2:L4	3-M1
L307	2:H6	3-G5	Q533	2:E4	4-I5	R189	1:G5	2-F3	R342	2:L5	3-N2
L308	1:J6	3-K6	Q535	2:F4	4-K6	R190	1:G6	2-G7	R344	2:L6	3-P2
L309	1:J6	3-K6				R191	2:H5	2-F4	R345	2:L6	3-P3
L310	1:K6	3-M6	R1	1:K2	1-B3	R192	1:F5	2-F3	R346	2:L6	3-P3
L316	1:K5	3-Q6	R2	1:K3	1-B3	R193	1:G5	2-F4	R347	2:L6	3-P2
L401	2:F6	7-C5	R3	1:K2	1-C2	R194	1:G5	2-F5	R348	2:L6	3-Q2
L402	2:F5	7-B6	R4	1:J2	1-C2	R195	2:F4	2-G5	R349	2:K3	3-R1
L403	2:E6	7-C5	R5	1:K2	1-B3	R196	2:F4	2-G5	R350	2:L4	3-R1
L407	2:F6	7-E6	R6	1:K3	1-C2	R197	2:F4	2-G5	R351	2:L4	3-Q1
L408	2:F6	7-E5	R7	1:J3	1-C2	R201	1:E6	5-A7	R352	1:L5	3-Q1
L411	2:E5	7-F3	R8	1:K2	1-C3	R202	1:E5	5-A6	R353	2:L5	3-M1
L413	2:E5	7-F3	R9	2:L3	1-R9	R203	1:E5	5-A6	R354	2:L5	3-M1
L416	2:E5	7-H4	R10	2:L3	1-R8	R204	1:E5	5-B7	R355	2:L4	3-Q3
L419	2:E6	7-G4	R12	2:J6	1-N5	R205	1:E4	5-B7	R356	2:L6	3-R3
L420	2:E6	7-K3	R13	1:K6	1-P5	R219	1:D6	5-E7	R358	2:L4	3-L1
L422	2:E6	7-C4	R14	1:L6	1-N5	R221	1:D5	5-D9	R365	2:L6	3-N1
L423	2:E6	7-J3	R15	1:L6	1-P5	R223	1:D5	5-E8	R370	2:L5	3-M2
L424	2:E6	7-K3	R16	1:K6	1-P5	R224	1:D6	5-E8	R371	2:L5	3-N2
LK1	2:L6	1-Q5	R17	2:L6	1-R6	R227	1:E5	5-F5	R372	2:K6	3-L2
LK2	2:L6	1-Q5	R20	1:C6	1-M0	R228	1:E6	5-G5	R373	2:L5	3-N2
LK3	2:L6	1-Q6	R101	1:G5	2-A2	R229	1:D6	5-G5	R374	2:L4	3-M2
LK4	2:L6	1-Q6	R102	1:G5	2-B2	R230	1:D6	5-G5	R380	2:L5	3-L3
LP301	2:J5	3-D6	R103	1:G5	2-B2	R234	1:D5	5-H7	R381	2:L5	3-L2
			R104	1:G4	2-B2	R236	1:E6	5-H6	R390	1:L5	3-Q2
M201	2:D6	5-C7	R105	1:G5	2-C3	R237	1:E6	5-H5	R391	2:L4	3-Q2
M202	2:D6	5-C6	R106	1:G5	2-C4	R238	1:E5	5-H6	R392	2:L5	3-R2
			R107	1:G5	2-C2	R240	1:E5	5-J5	R393	2:L3	3-R1
PL1	1:K2	1-J0	R108	1:G5	2-C2	R241	1:G6	5-B0	R394	2:K3	3-R2
			R109	1:H4	2-D2	R242	1:G6	5-B2	R395	2:L3	3-R2
Q1	2:L2	1-Q9	R110	1:H5	2-D3	R245	1:E6	5-F3	R400	2:F5	7-A7
Q2	2:L2	1-Q8	R111	1:H5	2-D4	R246	1:D6	5-G3	R401	2:F5	7-A5

Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit
R402	2:F5	7-B7	R565B	2:F4	4-J2	R691	1:E4	4-V5			
R403	2:F5	7-B5	R565D	1:F4	4-J1	R692	2:E3	4-I5			
R404	2:F6	7-B5	R566	1:B2	4-I2	R693	2:E3	4-J5			
R408	2:F6	7-D6	R568	1:A4	4-J2	R694	2:F3	4-J6			
R411	2:F6	7-D5	R570	2:B6	4-L1	R695	2:F3	4-J6			
R414	2:E5	7-G3	R571	2:A6	4-L1				RSW1	1:L4	1-R7
R415	2:E6	7-G6	R572	2:A6	4-L1						
R416	2:E6	7-G6	R573	1:G1	4-R1						
R420	2:E6	7-G5	R574	2:A6	4-L1	RV1	1:L6	1-R5			
R421	2:E6	7-H4	R575	1:A6	4-L0	RV1	1:L6	1-R6			
R422	2:E6	7-G4	R576	1:C6	4-M1						
R424	2:E6	7-H5	R577	1:A6	4-M0	SK3	1:L2	1-R0			
R501	2:D1	4-B9	R578	1:A6	4-M0						
R502	2:B1	4-I7	R579	1:C6	4-M0	SWITCH	1:L2	1-Q0			
R503	2:E2	4-G9	R580	2:B6	4-L1						
R504	1:E1	4-C9	R581	1:C5	4-N0	TP1	1:L6	1-P7			
R505	2:E2	4-G9	R582	2:B6	4-L1	TP2	1:L6	1-B9			
R506	2:F3	4-A8	R583	1:C6	4-N1	TP3	1:L6	1-B1			
R507	1:E1	4-D9	R584	1:A5	4-M0	TP4	1:L6	1-N8			
R508	2:F3	4-D9	R585	1:C5	4-M2	TP5	1:L3	1-N8			
R509	2:C1	4-H7	R586	2:C6	4-N2	TP6	1:L2	1-P7			
R510	1:F4	4-E9	R587	1:C5	4-O1	TP7	1:A4	1-B5			
R511A	2:F1	4-G8	R588	2:C6	4-N2	TP8	1:L1	1-C3			
R511B	1:F4	4-I6	R589	1:C6	4-O1	TP9	1:L3	1-D2			
R511C	1:F4	4-K6	R590	1:C6	4-O2	TP10	1:C4	1-C3			
R511D	2:F1	4-G8	R591	1:C5	4-O1	TP11	1:H2	1-C3			
R512	2:B2	4-J7	R594	1:C6	4-L0	TP12	1:H1	1-C3			
R513	2:E3	4-D6	R601	2:A6	4-O0	TP13	1:H1	1-C2			
R514	2:F3	4-H7	R602	2:C5	4-P1	TP14	1:L1	1-C7			
R515	2:F2	4-G9	R603	1:A6	4-O0	TP15	1:H2	1-B0			
R516	2:F3	4-H7	R604	2:C5	4-P1	TP16	1:G4	1-P3			
R517	2:F1	4-G9	R606	2:C5	4-P0	TP17	1:L1	1-M8			
R518	2:B1	4-H6	R608	2:C5	4-Q1						
R519	2:C1	4-I7	R610	2:C5	4-Q1	XF301	1:J6	3-L6			
R520	2:B1	4-J6	R614	2:C4	4-R2	XF302	1:K5	3-P6			
R521	2:C2	4-H7	R615	2:C4	4-S2	XF303	1:K4	3-C2			
R522	2:D1	4-H6	R616	2:C4	4-S1	XF304	1:K4	3-F2			
R523	1:D1	4-C1	R617	1:C6	4-N2	XL301	1:J5	3-B1			
R524	2:C1	4-H7	R618	2:C5	4-S0	XL501	2:D4	4-C3			
R525	2:F1	4-H9	R620	2:C6	4-T0						
R526	2:E2	4-H6	R630	1:A6	4-K0						
R527	2:F2	4-H9	R632	1:A5	4-L0						
R528	2:E3	4-C3	R633	2:A5	4-M0						
R529	2:F1	4-H9	R634	2:A6	4-N0						
R530	2:E3	4-D3	R635	2:A5	4-L0						
R530A	2:E3	4-D3	R636	1:A6	4-K0						
R531	2:B5	4-P3	R639	1:H1	4-O7						
R532	2:A5	4-K3	R640	1:J1	4-P7						
R533	2:C6	4-L4	R641	1:H2	4-O7						
R534	2:A5	4-K3	R642	1:J2	4-O7						
R535	2:C6	4-L4	R643	1:J1	4-P8						
R536	2:C6	4-L3	R644	1:J2	4-P8						
R537	2:C6	4-L3	R646	1:K1	4-Q8						
R538	2:C2	4-I7	R647	1:K1	4-Q8						
R539	1:G1	4-T0	R648	1:K1	4-Q8						
R540	1:G1	4-T0	R649	2:B6	4-P6						
R541	1:G1	4-S1	R650	2:C6	4-R6						
R542	1:G1	4-S0	R653	1:C6	4-O6						
R543	1:G2	4-R0	R654	2:C6	4-P6						
R544	2:C4	4-Q2	R655	2:C6	4-P6						
R545	2:A4	4-R5	R656	2:C6	4-P6						
R546	2:A6	4-M3	R657	2:B6	4-Q6						
R547	2:C4	4-Q2	R658	2:C6	4-Q6						
R548	2:B6	4-L3	R672	2:B6	4-R6						
R549	2:A6	4-K3	R674	2:B6	4-S6						
R550	2:B6	4-K3	R676	2:C6	4-S6						
R552	1:C2	4-G1	R678	2:C6	4-S6						
R554	1:C2	4-H1	R679	1:K1	4-S6						
R556	1:C2	4-G1	R685	1:D4	4-V3						
R558	1:B4	4-H1	R685A	1:E4	4-U3						
R560	1:B4	4-G1	R686	1:D4	4-V3						
R561	1:B4	4-H1	R686A	1:E4	4-U3						
R562	1:B4	4-G1	R687	1:D4	4-V2						
R564	1:B4	4-H1	R688	2:E4	4-U2						
R565	2:B6	4-J1	R689	2:E4	4-V2						
R565A	2:F3	4-J2	R690	1:D3	4-V5						