



# PCB Information Package Tait Orca

**PCB LAYOUT - 450-530 MHz**

**220-01624-03**

This PCB Information Package contains the following information for the 450-530 MHz Tait Orca:

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Ref	IPN	Description	Ref	IPN	Description
BL301	050-10061-70	BALUN MIXER SMD 617DB-1018	C309	018-15100-00	CAP 0603 10N 50V X7R +-10%
BL302	050-10061-70	BALUN MIXER SMD 617DB-1018	C311	018-14100-00	CAP 0603 1N 50V X7R +-10%
C1	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C312	018-14100-00	CAP 0603 1N 50V X7R +-10%
C10	018-15100-00	CAP 0603 10N 50V X7R +-10%	C315	018-12150-10	CAP 0603 CHIP 15P 50V NPO +-1%
C100	018-13100-10	CAP 0603 CHIP 100P 50V NPO+-1%	C316	018-12100-10	CAP 0603 CHIP 10P 50V NPO+-0.1
C101	018-14100-00	CAP 0603 1N 50V X7R +-10%	C318	018-12150-10	CAP 0603 CHIP 15P 50V NPO +-1%
C102	018-12150-10	CAP 0603 CHIP 15P 50V NPO +-1%	C319	018-11220-10	CAP0603 CHIP 2P2 50V NPO+-0.1P
C103	018-14100-00	CAP 0603 1N 50V X7R +-10%	C325	018-15100-00	CAP 0603 10N 50V X7R +-10%
C104	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C326	018-11390-10	CAP0603 CHIP 1P5 50V NPO+-0.1P
C105	018-14100-00	CAP 0603 1N 50V X7R +-10%	C326A	018-11150-10	CAP0603 CHIP 1P5 50V NPO+-0.1P
C106	018-14100-00	CAP 0603 1N 50V X7R +-10%	C327	018-12150-10	CAP 0603 CHIP 15P 50V NPO +-1%
C11	018-15100-00	CAP 0603 10N 50V X7R +-10%	C329	018-11330-10	CAP0603 CHIP 3P3 50V NPO+-0.1P
C110	018-12100-10	CAP 0603 CHIP 10P 50V NPO+-0.1	C331	018-12120-10	CAP 0603 CHIP 12P 50V NPO +-1%
C111	018-12150-10	CAP 0603 CHIP 15P 50V NPO +-1%	C333	018-15100-00	CAP 0603 10N 50V X7R +-10%
C112	018-15100-00	CAP 0603 10N 50V X7R +-10%	C334	018-15100-00	CAP 0603 10N 50V X7R +-10%
C113	018-15100-00	CAP 0603 10N 50V X7R +-10%	C335	018-12150-10	CAP 0603 CHIP 15P 50V NPO +-1%
C114	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C336	018-11100-10	CAP0603 CHIP 1P0 50V NPO+-0.1P
C115	018-15100-00	CAP 0603 10N 50V X7R +-10%	C337	018-15100-00	CAP 0603 10N 50V X7R +-10%
C116	018-13100-10	CAP 0603 CHIP 100P 50V NPO+-1%	C338	018-15100-00	CAP 0603 10N 50V X7R +-10%
C120	015-23470-08	CAP CER 0805 470P 10% X7R 50V	C339	018-15100-00	CAP 0603 10N 50V X7R +-10%
C121	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C340	018-15100-00	CAP 0603 10N 50V X7R +-10%
C122	018-15100-00	CAP 0603 10N 50V X7R +-10%	C342	018-12470-10	CAP 0603 CHIP 47P 50V NPO+-0.1
C123	015-22470-05	CAP 0805 47P 1% 200V	C343	018-12180-10	CAP 0603 CHIP 18P 50V NPO +-1%
C124	015-22470-05	CAP 0805 47P 1% 200V	C344	018-12220-10	CAP 0603 CHIP 22P 50V NPO+-0.1
C125	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C345	018-12100-10	CAP 0603 CHIP 10P 50V NPO+-0.1
C126	018-14100-00	CAP 0603 1N 50V X7R +-10%	C346	018-13100-10	CAP 0603 CHIP 100P 50V NPO+-1%
C127	015-22470-05	CAP 0805 47P 1% 200V	C350	018-15100-00	CAP 0603 10N 50V X7R +-10%
C130	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	C351	018-12150-10	CAP 0603 CHIP 15P 50V NPO +-1%
C131	018-15100-00	CAP 0603 10N 50V X7R +-10%	C352	018-12330-10	CAP 0603 CHIP 33P 50V NPO +-1%
C132	018-15100-00	CAP 0603 10N 50V X7R +-10%	C355	018-14100-00	CAP 0603 1N 50V X7R +-10%
C133	015-23100-01	CAP CER 0805 100P 5% NPO 50V	C356	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C135	015-22180-05	CAP 0805 18P 1% 200V	C357	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C136	018-15100-00	CAP 0603 10N 50V X7R +-10%	C358	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C140	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C359	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C141	015-22330-05	CAP CER 0805 33P+-0.1PF 200V	C360	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C144	015-21680-05	CAP CER 0805 6P8+-0.1PF 200V	C362	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C145	015-21470-05	CAP CER 0805 4P7+-0.1PF 200V	C363	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V
C146	018-15100-00	CAP 0603 10N 50V X7R +-10%	C364	014-07100-02	CAP TANT CHIP 1U0 3.2X1.6M 16V
C147	018-15270-00	CAP 0603 CHIP 27N 50V X7R+-10%	C365	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C15	018-14100-00	CAP 0603 1N 50V X7R +-10%	C366	018-14100-00	CAP 0603 1N 50V X7R +-10%
C150	018-13100-10	CAP 0603 CHIP 100P 50V NPO+-1%	C367	018-13180-00	CAP 0603 CHIP 180P 50VNPO+-5%
C151	015-22100-05	CAP CER 0805 CHIP 10P +-0.1PF 2	C368	018-13180-00	CAP 0603 CHIP 180P 50VNPO+-5%
C152	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	C369	018-13470-00	CAP0603 CHIP 470P 50V X7R+-10%
C153	018-13100-10	CAP 0603 CHIP 100P 50V NPO+-1%	C370	018-12220-10	CAP 0603 CHIP 22P 50V NPO+-0.1
C154	018-15100-00	CAP 0603 10N 50V X7R +-10%	C372	018-12330-10	CAP 0603 CHIP 33P 50V NPO +-1%
C156	018-15100-00	CAP 0603 10N 50V X7R +-10%	C375	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V
C16	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%	C376	014-07100-02	CAP TANT CHIP 1U0 3.2X1.6M 16V
C160	015-23100-01	CAP CER 0805 100P 5% NPO 50V	C378	018-15100-00	CAP 0603 10N 50V X7R +-10%
C161	018-14100-00	CAP 0603 1N 50V X7R +-10%	C379	018-15100-00	CAP 0603 10N 50V X7R +-10%
C163	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C384	018-15100-00	CAP 0603 10N 50V X7R +-10%
C164	015-21330-05	CAP CER 0805 3P3+-0.1PF 200V	C385	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C165	015-21270-05	CAP CER 0805 CHIP 2P7 +-0.1PF 2	C4	018-14100-00	CAP 0603 1N 50V X7R +-10%
C166	015-21220-05	CAP CER 0805 2P2 +-0.1PF 200V	C400	018-12100-10	CAP 0603 CHIP 10P 50V NPO+-0.1
C170	015-21390-05	CAP CER 0805 CHIP 3P9+-0.1PFD 2	C401	018-11470-10	CAP 0603 CHIP 4P7 50VNPO+-0.1P
C171	018-14100-00	CAP 0603 1N 50V X7R +-10%	C402	018-11220-10	CAP0603 CHIP 2P2 50V NPO+-0.1P
C172	015-21390-05	CAP CER 0805 CHIP 3P9+-0.1PFD 2	C404	018-11390-10	CAP0603 CHIP 3P9 50V NPO+-0.1P
C173	015-21270-05	CAP CER 0805 CHIP 2P7 +-0.1PF 2	C406	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C2	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	C408	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C200	018-14100-00	CAP 0603 1N 50V X7R +-10%	C410	018-11560-10	CAP0603 CHIP 5P6 50V NPO+-0.1P
C201	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C412	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C202	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C413	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C208	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	C416	018-15100-00	CAP 0603 10N 50V X7R +-10%
C209	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C417	018-11050-00	CAP0603 CHIP 0P5 50VNPO+-0.25P
C211	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C418	018-11120-10	CAP0603 CHIP 1P2 50V NPO+-0.1P
C213	018-14100-00	CAP 0603 1N 50V X7R +-10%	C419	018-11560-10	CAP0603 CHIP 5P6 50V NPO+-0.1P
C214	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%	C422	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C215	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%	C423	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%
C216	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%	C424	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%
C217	018-15100-00	CAP 0603 10N 50V X7R +-10%	C426	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%
C218	014-07100-02	CAP TANT CHIP 1U0 3.2X1.6M 16V	C430	018-11560-10	CAP0603 CHIP 5P6 50V NPO+-0.1P
C219	013-06330-01	CAP 330N 16V 6*4MM	C431	018-11560-10	CAP0603 CHIP 5P6 50V NPO+-0.1P
C220	018-15100-00	CAP 0603 10N 50V X7R +-10%	C432	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C222	013-06100-01	CAP 100N 5% 63V (CF 1812)	C436	018-11180-10	CAP0603 CHIP 1P8 50V NPO+-0.1P
C223	018-13470-00	CAP0603 CHIP 470P 50V X7R+-10%	C437	018-11050-00	CAP0603 CHIP 0P5 50VNPO+-0.25P
C226	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C439	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C229	018-14100-00	CAP 0603 1N 50V X7R +-10%	C440	018-15100-00	CAP 0603 10N 50V X7R +-10%
C240	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C442	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C241	018-15100-00	CAP 0603 10N 50V X7R +-10%	C446	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C242	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	C5	018-15100-00	CAP 0603 10N 50V X7R +-10%
C246	018-14100-00	CAP 0603 1N 50V X7R +-10%	C502	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C247	014-07470-05	CAP TANT 4U7 16V 10% 1206	C504	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C270	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C505	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C271	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C506	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C272	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C506A	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%
C273	018-15100-00	CAP 0603 10N 50V X7R +-10%	C512	018-12100-10	CAP 0603 CHIP 10P 50V NPO+-0.1
C274	018-15100-00	CAP 0603 10N 50V X7R +-10%	C514	018-12470-10	CAP 0603 CHIP 47P 50V NPO+-0.1
C275	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%	C515	018-12470-10	CAP 0603 CHIP 47P 50V NPO+-0.1
C276	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C516	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C278	018-13150-00	CAP 0603 CHIP 150P 50VNPO +5%	C518	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C279	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C520	018-14100-00	CAP 0603 1N 50V X7R +-10%
C280	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	C524	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C3	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	C525	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C301	018-11600-10	CAP0603 CHIP 6P0 50V NPO+-0.1P	C528	018-15100-00	CAP 0603 10N 50V X7R +-10%
C302	018-11560-10	CAP0603 CHIP 5P6 50V NPO+-0.1P	C530	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V
C304	018-12150-10	CAP 0603 CHIP 15P 50V NPO +-1%	C532	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
C305	018-11220-10	CAP0603 CHIP 2P2 50V NPO+-0.1P	C534	018-15100-00	CAP 0603 10N 50V X7R +-10%
C306	018-11470-10	CAP 0603 CHIP 4P7 50VNPO+-0.1P	C535	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%
			C536	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%

Ref	IPN	Description	Ref	IPN	Description
C540	018-15100-00	CAP 0603 10N 50V X7R +-10%	L105	059-15120-00	IND FXD 0603HS 12NH 5%
C542	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L110	057-00004-73	IND FXD 4.7NH +-5% 0603
C543	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L111	057-10080-06	IND BLM41-P800 1A 180MHZ
C544	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L112	059-14680-00	IND FXD 0603HS 6.8NH 5%
C545	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L115	057-10081-06	IND 1806 BLM41P750S EMI SUP
C548	014-18100-05	CAP TANT 10U 10V 10% 1206	L116	052-57421-40	COIL A/W 4T/2.1MM SMD 0.57
C549	015-27100-10	CAP CER 0805 1M+80-20% Y5V 16V	L122	052-57416-20	COIL A/W 2T/1.6MM SMD 0.57
C550	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L123	059-16330-10	IND FXD 1008CS 330NH 5%
C551	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L124	059-16270-10	IND FXD 1008CS 270NH 5%
C553	014-18100-05	CAP TANT 10U 10V 10% 1206	L126	059-16270-10	IND FXD 1008CS 270NH 5%
C559	018-14100-00	CAP 0603 1N 50V X7R +-10%	L130	052-57320-30	COIL A/W 3T/2MM SMD 0.57
C560	015-23470-08	CAP CER 0805 470P 10% X7R 50V	L131	052-57319-30	COIL A/W 3T/1.9MM SMD 0.57
C561	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L132	052-57320-30	COIL A/W 3T/2MM SMD 0.57
C566	018-13390-00	CAP0603 CHIP 390P 50V X7R+-10%	L202	057-11220-02	IND 0603 BLM11A221 EMI SUPRS
C567	015-26220-08	CAP 0805 CHIP 220N 10% X7R 16V	L203	057-11220-02	IND 0603 BLM11A221 EMI SUPRS
C568	018-14100-00	CAP 0603 1N 50V X7R +-10%	L270	050-10000-40	COIL SMD DC/DC CNVRTR
C569	018-15270-00	CAP 0603 CHIP 27N 50V X7R+-10%	L301	057-00015-00	IND FXD 15NH +-5% 1206 MUR
C571	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	L302	059-15680-05	IND FXD 0805CS 68NH 5%
C572	015-26100-08	CAP CER 0805 100N 10% X7R 50V	L306	057-00015-00	IND FXD 15NH +-5% 1206 MUR
C573	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L307	057-00015-00	IND FXD 15NH +-5% 1206 MUR
C574	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	L308	059-16560-10	IND FXD 1008CS 560NH 5%
C576	015-27100-10	CAP CER 0805 1M+80-20% Y5V 16V	L316	059-16820-10	IND FXD 1008CS 820NH 5%
C578	015-26220-08	CAP 0805 CHIP 220N 10% X7R 16V	L318	059-16820-15	IND FXD 1008CS 820NH 2%
C579	036-00000-00	RES 1206 0E 0.125W 5%	L401	059-15150-00	IND FXD 0603CS 15NH 5%
C581	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	L402	059-15150-00	IND FXD 0603CS 15NH 5%
C582	018-15470-00	CAP 0603 CHIP 47N 16V X7R+-10%	L404	059-15470-00	IND FXD 0603HS 47NH 5%
C583	015-27100-10	CAP CER 0805 1M+80-20% Y5V 16V	L408	052-57420-40	COIL A/W 4T/2.0MM SMD 0.57
C588	015-07470-08	CAP 1206 4M7 -20%+80% Y5V 16V	L410	059-16330-05	IND FXD 0805CS 330NH 5%
C590	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L412	059-16330-05	IND FXD 0805CS 330NH 5%
C593	015-27100-10	CAP CER 0805 1M+80-20% Y5V 16V	L414	059-16330-05	IND FXD 0805CS 330NH 5%
C594	014-07100-02	CAP TANT CHIP 1U0 3.2X1.6M 16V	L416	059-16330-05	IND FXD 0805CS 330NH 5%
C595	015-26220-08	CAP 0805 CHIP 220N 10% X7R 16V	L420	059-16330-05	IND FXD 0805CS 330NH 5%
C596	015-26220-08	CAP 0805 CHIP 220N 10% X7R 16V	L422	052-57421-30	COIL A/W 3T/2.1MM SMD 0.57
C597	018-16100-00	CAP0603 CHIP 100N 16V X7R+-10%	L424	059-16330-05	IND FXD 0805CS 330NH 5%
C6	018-15100-00	CAP 0603 10N 50V X7R +-10%	L426	059-15390-00	IND FXD 0603HS 39NH 5%
C608	014-07470-05	CAP TANT 4U7 16V 10% 1206	M202	539-00010-58	VCTCXO 12.8MHZ+-2.5PPM -30+70
C610	018-15100-00	CAP 0603 10N 50V X7R +-10%	PL1	240-10000-14	CONN SMD 12WAY NON ZIF 1.0M
C612	018-12390-10	CAP 0603 CHIP 39P 50V NPO +-1%	Q1	000-10084-71	XSTR BC847BW NPN SOT323
C614	018-11270-10	CAP0603 CHIP 2P7 50V NPO+-0.1P	Q100	000-10095-10	XSTR SMD BR951 NPN UHF
C616	018-14100-00	CAP 0603 1N 50V X7R +-10%	Q101	000-10085-71	XSTR SMD BC857BW PNP SOT323
C618	018-14100-00	CAP 0603 1N 50V X7R +-10%	Q102	000-10084-71	XSTR BC847BW NPN SOT323
C619	018-13150-00	CAP 0603 CHIP 150P 50VNPO +-5%	Q103	000-10938-20	XSTR MRF9382TI HI FRQ PWRFET
C640	018-15100-00	CAP 0603 10N 50V X7R +-10%	Q104	000-10085-71	XSTR SMD BC857BW PNP SOT323
C7	018-15100-00	CAP 0603 10N 50V X7R +-10%	Q105	000-10085-71	XSTR SMD BC857BW PNP SOT323
C8	018-15100-00	CAP 0603 10N 50V X7R +-10%	Q106	000-10150-80	XSTR SMD MRF1508 MOS NCHAN R
C9	018-15100-00	CAP 0603 10N 50V X7R +-10%	Q110	000-10084-71	XSTR BC847BW NPN SOT323
D1	008-10000-20	LED SMD RED/GREEN SML-020	Q111	000-10084-71	XSTR BC847BW NPN SOT323
D100	001-10630-40	DIODE SMD BAR63-04	Q112	000-10085-71	XSTR SMD BC857BW PNP SOT323
D101	001-10012-50	DIODE SMD MA4P1250 PIN3X2MM	Q2	000-10084-71	XSTR BC847BW NPN SOT323
D102	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q205	000-10084-71	XSTR BC847BW NPN SOT323
D205	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q280	000-10085-71	XSTR SMD BC857BW PNP SOT323
D206	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q281	000-10084-71	XSTR BC847BW NPN SOT323
D270	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q3	000-11472-20	DGTL TRANS NPN BT47K BE22K
D301	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q301	000-10009-41	XSTR SMD BR941L SOT23
D302	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q305	002-10080-00	IC UPA800T 2x 2sc5008 xstr
D303	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q307	000-10084-71	XSTR BC847BW NPN SOT323
D305	001-10015-00	DIODE SMD BAT15-099R SCHAT	Q309	000-10418-10	XSTR 2SC4181 N SOT323 HI B
D400	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q320	000-10084-71	XSTR BC847BW NPN SOT323
D402	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q321	000-10084-71	XSTR BC847BW NPN SOT323
D404	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q4	000-10085-71	XSTR SMD BC857BW PNP SOT323
D406	001-10043-90	DIODE SMD BB439 VCAP SOD323	Q400	000-10009-41	XSTR SMD BR941L SOT23
D502	001-10056-01	DIODE BAW56W DUAL SS SOT323	Q402	000-10009-41	XSTR SMD BR941L SOT23
D504	001-10000-70	DIODE SMD BAV70 D-SW SOT23	Q404	000-10085-71	XSTR SMD BC857BW PNP SOT323
D506	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q406	000-10085-71	XSTR SMD BC857BW PNP SOT323
D507	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q5	000-10085-71	XSTR SMD BC857BW PNP SOT323
D508	001-10056-01	DIODE BAW56W DUAL SS SOT323	Q502	000-10084-71	XSTR BC847BW NPN SOT323
D510	001-10099-01	D BAV99W DUAL SML SIG SOT323	Q503	000-10085-71	XSTR SMD BC857BW PNP SOT323
IC100	002-10091-60	IC MRFIC0916 CASCADE BUFFER	Q504	000-10084-71	XSTR BC847BW NPN SOT323
IC101	002-10003-58	IC SMD LM358 DUAL O-AMP	Q505	000-10084-71	XSTR BC847BW NPN SOT323
IC104	002-11125-00	IC TK11250 5VREG 130MA	Q506	000-10084-71	XSTR BC847BW NPN SOT323
IC201	002-11220-21	IC MC12202DT SER IP SYNTH	Q513	000-10084-71	XSTR BC847BW NPN SOT323
IC202	002-11125-00	IC TK11250 5VREG 130MA	Q514	000-10084-71	XSTR BC847BW NPN SOT323
IC203	002-10227-20	IC SMD TLC2272CD O-AMP	Q516	000-10085-71	XSTR SMD BC857BW PNP SOT323
IC301	002-11315-00	IC MC13150 FM IF DeTeCToR	Q517	000-10085-71	XSTR SMD BC857BW PNP SOT323
IC302	002-20103-24	IC BA10324 4x OP AMP SSOP-14	Q518	000-10084-71	XSTR BC847BW NPN SOT323
IC400	002-10091-60	IC MRFIC0916 CASCADE BUFFER	Q519	000-10084-71	XSTR BC847BW NPN SOT323
IC402	002-10091-60	IC MRFIC0916 CASCADE BUFFER	Q522	000-10084-71	XSTR BC847BW NPN SOT323
IC501	002-11810-50	IC DS1810R-5 5V 5% MUP RESET	Q524	000-10084-71	XSTR BC847BW NPN SOT323
IC502	002-10681-10	IC MC68HC11A1CFU MICRCTRLR	Q527	000-10084-71	XSTR BC847BW NPN SOT323
IC503	002-30000-11	ASIC COMM PLTFRM DGTL NTRL	Q529	000-10085-71	XSTR SMD BC857BW PNP SOT323
IC504	002-12902-00	IC SST29EE020 256 FLASH MEMORY	Q530	000-10085-71	XSTR SMD BC857BW PNP SOT323
IC506	002-11125-00	IC TK11250 5VREG 130MA	Q531	000-10084-71	XSTR BC847BW NPN SOT323
IC507	002-10126-71	IC SMD DS1267E/DS1868 DIGIPOT	Q532	000-10084-71	XSTR BC847BW NPN SOT323
IC508	002-16235-40	IC SMD M62354GP 8B 6CNL D-A	Q533	000-10085-71	XSTR SMD BC857BW PNP SOT323
IC509	002-18932-10	IC SMD Z8932120FSCRXXX MA	Q535	000-10085-71	XSTR SMD BC857BW PNP SOT323
IC510	002-11454-80	IC SMD MC145480DW PXM	R1	038-13470-00	RES 0603 470E 1/16W +-5%
IC511	002-10003-24	IC SMD 324 4X O-AMP SO14	R10	038-13150-00	RES 0603 150E 1/16W +-5%
IC512	002-10854-10	IC TDA8541T 1W AUDIO AMP	R100	038-13150-00	RES 0603 150E 1/16W +-5%
IC513	002-10040-53	IC 4053B SMD BREAK B4 MAKE	R101	038-12390-00	RES 0603 CHIP 39E 1/16W +-5%
IC514	002-10021-00	IC PHN210 DUAL NCH EN MFET	R102	038-13150-00	RES 0603 150E 1/16W +-5%
IC515	002-10003-21	IC SMD LMV321 SNGLE OP AMP	R103	038-12470-00	RES 0603 47E 1/16W +-5%
L101	059-15560-00	IND FXD 0603HS 56NH 5%	R104	038-13470-00	RES 0603 470E 1/16W +-5%
L102	057-11220-02	IND 0603 BLM11A221 EMI SUPRS	R105	038-13470-00	RES 0603 470E 1/16W +-5%
L103	057-11220-02	IND 0603 BLM11A221 EMI SUPRS	R106	036-12270-00	RES M/F 0805 27E 5%
L104	057-11220-02	IND 0603 BLM11A221 EMI SUPRS			

Ref	IPN	Description	Ref	IPN	Description
R110	038-11470-00	RES 0603 4E7 1/16W +-5%	R319	038-15100-00	RES 0603 10K 1/16W +-5%
R111	038-14470-00	RES 0603 4K7 1/16W +-5%	R320	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
R112	038-15100-00	RES 0603 10K 1/16W +-5%	R321	038-14220-00	RES 0603 2K2 1/16W +-5%
R113	038-13470-00	RES 0603 470E 1/16W +-5%	R323	038-16100-00	RES 0603 100K 1/16W +-5%
R114	038-14470-00	RES 0603 4K7 1/16W +-5%	R324	038-15100-00	RES 0603 10K 1/16W +-5%
R115	038-11470-00	RES 0603 4E7 1/16W +-5%	R325	038-14100-00	RES 0603 1K0 1/16W +-5%
R118	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%	R326	038-13820-00	RES 0603 CHIP 820E 1/16W +-5%
R12	038-15470-00	RES 0603 47K 1/16W +-5%	R327	038-14680-00	RES 0603 6K8 1/16W +-5%
R120	038-12270-00	RES 0603 CHIP 27E 1/16W +-5%	R328	038-15270-00	RES 0603 27K 1/16W +-5%
R121	036-13470-00	RES M/F 0805 470E 5%	R329	038-14220-00	RES 0603 2K2 1/16W +-5%
R122	036-11330-00	RES M/F 0805 3E3 5%	R330	038-14100-00	RES 0603 1K0 1/16W +-5%
R123	038-17100-00	RES 0603 1M 1/16W +-5%	R331	038-13100-00	RES 0603 100E 1/16W +-5%
R124	036-11330-00	RES M/F 0805 3E3 5%	R333	038-16820-00	RES 0603 CHIP 820K 1/16W +-5%
R125	038-14330-00	RES 0603 3K3 1/16W +-5%	R334	038-15120-00	RES 0603 CHIP 12K 1/16W +-5%
R126	038-11470-00	RES 0603 4E7 1/16W +-5%	R335	038-15820-00	RES 0603 82K 1/16W +-5%
R13	038-15470-00	RES 0603 47K 1/16W +-5%	R336	038-15820-00	RES 0603 82K 1/16W +-5%
R130	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%	R337	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
R131	038-13100-00	RES 0603 100E 1/16W +-5%	R338	038-16150-00	RES 0603 150K 1/16W +-5%
R132	038-16100-00	RES 0603 100K 1/16W +-5%	R339	038-17100-00	RES 0603 1M 1/16W +-5%
R133	038-16100-00	RES 0603 100K 1/16W +-5%	R340	038-14270-00	RES 0603 CHIP 2K7 1/16W +-5%
R134	038-15270-20	RES 0603 CHIP 27K +-0.5%	R341	038-16220-00	RES 0603 220K 1/16W +-5%
R135	038-16100-00	RES 0603 100K 1/16W +-5%	R342	038-16220-00	RES 0603 220K 1/16W +-5%
R136	038-15100-20	RES 0603 CHIP 10K +-0.5%	R344	038-16560-00	RES 0603 CHIP 560K 1/16W +-5%
R14	038-14470-00	RES 0603 4K7 1/16W +-5%	R345	038-12820-00	RES 0603 CHIP 82E 1/16W +-5%
R140	036-11470-00	RES M/F 0805 4E7 5%	R346	038-14270-00	RES 0603 CHIP 2K7 1/16W +-5%
R141	036-11470-00	RES M/F 0805 4E7 5%	R347	038-13820-00	RES 0603 CHIP 820E 1/16W +-5%
R142	038-15100-00	RES 0603 10K 1/16W +-5%	R348	038-15150-00	RES 0603 15K 1/16W +-5%
R143	038-16470-00	RES 0603 470K 1/16W +-5%	R349	045-15100-00	RES NTC SMD 10K 5%
R144	038-15100-00	RES 0603 10K 1/16W +-5%	R350	038-15150-00	RES 0603 15K 1/16W +-5%
R145	038-15470-00	RES 0603 47K 1/16W +-5%	R351	038-16100-00	RES 0603 100K 1/16W +-5%
R146	036-12470-00	RES M/F 0805 47E 5%	R352	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%
R15	038-14220-00	RES 0603 2K2 1/16W +-5%	R353	038-15100-00	RES 0603 10K 1/16W +-5%
R150	036-00100-04	RES 1210 0E1 0.5W 5%	R354	038-15150-00	RES 0603 15K 1/16W +-5%
R151	038-15100-00	RES 0603 10K 1/16W +-5%	R355	038-15470-00	RES 0603 47K 1/16W +-5%
R152	038-16470-00	RES 0603 470K 1/16W +-5%	R356	038-14470-00	RES 0603 4K7 1/16W +-5%
R153	036-03220-07	RES 220E 0.5W5% 2010 PWR CHP	R358	038-14220-00	RES 0603 2K2 1/16W +-5%
R154	038-15100-00	RES 0603 10K 1/16W +-5%	R365	038-13100-00	RES 0603 100E 1/16W +-5%
R155	038-15100-20	RES 0603 CHIP 10K +-0.5%	R370	038-16680-00	RES 0603 CHIP 680K 1/16W +-5%
R156	038-12100-00	RES 0603 10E 1/16W +-5%	R371	038-14100-00	RES 0603 1K0 1/16W +-5%
R16	038-12330-00	RES 0603 33E 1/16W +-5%	R372	038-16150-00	RES 0603 150K 1/16W +-5%
R160	038-14470-00	RES 0603 4K7 1/16W +-5%	R373	038-15100-00	RES 0603 10K 1/16W +-5%
R161	038-15270-20	RES 0603 CHIP 27K +-0.5%	R380	038-15100-00	RES 0603 10K 1/16W +-5%
R162	038-16150-00	RES 0603 150K 1/16W +-5%	R381	038-15100-00	RES 0603 10K 1/16W +-5%
R163	038-15330-00	RES 0603 CHIP 33K 1/16W +-5%	R390	038-16330-00	RES 0603 CHIP 330K 1/16W +-5%
R164	038-16100-00	RES 0603 100K 1/16W +-5%	R391	038-15680-00	RES 0603 CHIP 68K 1/16W +-5%
R165	038-15470-00	RES 0603 47K 1/16W +-5%	R392	045-15100-00	RES NTC SMD 10K 5%
R166	038-14390-00	RES 0603 CHIP 3K9 1/16W +-5%	R393	038-16100-00	RES 0603 100K 1/16W +-5%
R167	038-14100-00	RES 0603 1K0 1/16W +-5%	R394	038-15100-00	RES 0603 10K 1/16W +-5%
R17	038-13180-00	RES 0603 CHIP 180E 1/16W +-5%	R399	038-15100-00	RES 0603 10K 1/16W +-5%
R170	038-16100-00	RES 0603 100K 1/16W +-5%	R4	038-14100-00	RES 0603 1K0 1/16W +-5%
R171	038-13680-00	RES 0603 680E 1/16W +-5%	R402	038-13220-00	RES 0603 220E 1/16W +-5%
R172	038-13680-00	RES 0603 680E 1/16W +-5%	R404	038-14220-00	RES 0603 2K2 1/16W +-5%
R173	038-13680-00	RES 0603 680E 1/16W +-5%	R406	038-12470-00	RES 0603 47E 1/16W +-5%
R174	038-15150-00	RES 0603 15K 1/16W +-5%	R408	038-13330-00	RES 0603 330E 1/16W +-5%
R2	038-13470-00	RES 0603 470E 1/16W +-5%	R410	038-14470-00	RES 0603 4K7 1/16W +-5%
R20	038-14220-00	RES 0603 2K2 1/16W +-5%	R412	038-12220-00	RES 0603 22E 1/16W +-5%
R202	038-15270-20	RES 0603 CHIP 27K +-0.5%	R416	038-12220-00	RES 0603 22E 1/16W +-5%
R203	038-15470-10	RES 0603 CHIP 47K 1/16W+-1%	R418	038-12220-00	RES 0603 22E 1/16W +-5%
R204	038-14100-00	RES 0603 1K0 1/16W +-5%	R420	038-12220-00	RES 0603 22E 1/16W +-5%
R205	038-14100-00	RES 0603 1K0 1/16W +-5%	R422	038-13470-00	RES 0603 470E 1/16W +-5%
R219	038-14100-00	RES 0603 1K0 1/16W +-5%	R424	038-13470-00	RES 0603 470E 1/16W +-5%
R221	038-12220-00	RES 0603 22E 1/16W +-5%	R426	038-12220-00	RES 0603 22E 1/16W +-5%
R223	038-12470-00	RES 0603 47E 1/16W +-5%	R428	038-12220-00	RES 0603 22E 1/16W +-5%
R224	038-12470-00	RES 0603 47E 1/16W +-5%	R430	038-13330-00	RES 0603 330E 1/16W +-5%
R227	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%	R434	038-12330-00	RES 0603 33E 1/16W +-5%
R228	038-14100-00	RES 0603 1K0 1/16W +-5%	R436	038-14220-00	RES 0603 2K2 1/16W +-5%
R229	038-15180-00	RES 0603 CHIP 18K 1/16W	R438	038-14470-00	RES 0603 4K7 1/16W +-5%
R230	038-15270-00	RES 0603 27K 1/16W +-5%	R440	038-12220-00	RES 0603 22E 1/16W +-5%
R234	038-14330-00	RES 0603 3K3 1/16W +-5%	R442	038-12220-00	RES 0603 22E 1/16W +-5%
R236	038-14470-00	RES 0603 4K7 1/16W +-5%	R444	038-14470-00	RES 0603 4K7 1/16W +-5%
R237	038-14220-00	RES 0603 2K2 1/16W +-5%	R446	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%
R238	038-16470-00	RES 0603 470K 1/16W +-5%	R448	038-14470-00	RES 0603 4K7 1/16W +-5%
R240	038-12470-00	RES 0603 47E 1/16W +-5%	R450	038-13180-00	RES 0603 CHIP 180E 1/16W +-5%
R242	038-15150-00	RES 0603 15K 1/16W +-5%	R5	038-14220-00	RES 0603 2K2 1/16W +-5%
R245	038-14220-00	RES 0603 2K2 1/16W +-5%	R501	038-14470-00	RES 0603 4K7 1/16W +-5%
R246	038-14150-00	RES 0603 1K5 1/16W +-5%	R502	038-16100-00	RES 0603 100K 1/16W +-5%
R270	038-12220-00	RES 0603 22E 1/16W +-5%	R503	038-15470-00	RES 0603 47K 1/16W +-5%
R281	038-12220-00	RES 0603 22E 1/16W +-5%	R504	038-15470-00	RES 0603 47K 1/16W +-5%
R282	038-15470-10	RES 0603 CHIP 47K 1/16W+-1%	R505	038-15470-00	RES 0603 47K 1/16W +-5%
R283	038-15270-00	RES 0603 27K 1/16W +-5%	R506	038-15470-00	RES 0603 47K 1/16W +-5%
R284	038-13100-00	RES 0603 100E 1/16W +-5%	R507	038-15470-00	RES 0603 47K 1/16W +-5%
R285	038-13330-00	RES 0603 330E 1/16W +-5%	R508	038-14470-00	RES 0603 4K7 1/16W +-5%
R286	038-16105-10	RES 0603 CHIP 105K 1/16W +-1%	R510	038-15100-00	RES 0603 10K 1/16W +-5%
R3	038-14100-00	RES 0603 1K0 1/16W +-5%	R511A	038-15270-20	RES 0603 CHIP 27K +-0.5%
R301	038-13560-00	RES 0603 CHIP 560E 1/16W +-5%	R511B	045-15100-00	RES NTC SMD 10K 5%
R302	038-14220-00	RES 0603 2K2 1/16W +-5%	R511C	038-15100-00	RES 0603 10K 1/16W +-5%
R303	038-14330-00	RES 0603 3K3 1/16W +-5%	R511D	038-14470-00	RES 0603 4K7 1/16W +-5%
R304	038-15100-00	RES 0603 10K 1/16W +-5%	R512	038-15100-00	RES 0603 10K 1/16W +-5%
R305	038-16100-00	RES 0603 100K 1/16W +-5%	R513	038-15100-00	RES 0603 10K 1/16W +-5%
R306	038-14470-00	RES 0603 4K7 1/16W +-5%	R514	038-16100-00	RES 0603 100K 1/16W +-5%
R308	038-15100-00	RES 0603 10K 1/16W +-5%	R515	038-15470-00	RES 0603 47K 1/16W +-5%
R309	038-16100-00	RES 0603 100K 1/16W +-5%	R516	038-16150-00	RES 0603 150K 1/16W +-5%
R310	038-16100-00	RES 0603 100K 1/16W +-5%	R517	038-15470-00	RES 0603 47K 1/16W +-5%
R314	038-12470-00	RES 0603 47E 1/16W +-5%	R518	038-15270-00	RES 0603 27K 1/16W +-5%
R315	038-13100-00	RES 0603 100E 1/16W +-5%	R519	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%
R316	038-13680-00	RES 0603 680E 1/16W +-5%	R520	038-16180-00	RES 0603 CHIP 180K 1/16W +-5%
R317	038-14180-00	RES 0603 CHIP 1K8 1/16W	R521	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%
R318	038-15330-00	RES 0603 CHIP 33K 1/16W +-5%	R522	038-12220-00	RES 0603 22E 1/16W +-5%

Ref	IPN	Description	Ref	IPN	Description
R523	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%	R657	038-16180-00	RES 0603 CHIP 180K 1/16W +-5%
R524	038-16100-00	RES 0603 100K 1/16W +-5%	R658	038-15470-00	RES 0603 47K 1/16W +-5%
R525	038-15470-00	RES 0603 47K 1/16W +-5%	R672	038-17100-00	RES 0603 1M 1/16W +-5%
R526	038-15100-00	RES 0603 10K 1/16W +-5%	R674	038-17100-00	RES 0603 1M 1/16W +-5%
R527	038-15470-00	RES 0603 47K 1/16W +-5%	R676	038-17100-00	RES 0603 1M 1/16W +-5%
R528	038-18100-00	RES 0603 CHIP 10M 1/16W +-5%	R678	038-16220-00	RES 0603 220K 1/16W +-5%
R529	038-15470-00	RES 0603 47K 1/16W +-5%	R679	038-15100-00	RES 0603 10K 1/16W +-5%
R530	038-14100-00	RES 0603 1K0 1/16W +-5%	R685	038-14100-00	RES 0603 1K0 1/16W +-5%
R530A	038-15100-00	RES 0603 10K 1/16W +-5%	R685A	038-15470-00	RES 0603 47K 1/16W +-5%
R531	038-16100-00	RES 0603 100K 1/16W +-5%	R686	038-14100-00	RES 0603 1K0 1/16W +-5%
R532	038-17100-00	RES 0603 1M 1/16W +-5%	R686A	038-15470-00	RES 0603 47K 1/16W +-5%
R533	038-16105-10	RES 0603 CHIP 105K 1/16W +-1%	R687	038-14100-00	RES 0603 1K0 1/16W +-5%
R534	038-16100-00	RES 0603 100K 1/16W +-5%	R688	038-17100-00	RES 0603 1M 1/16W +-5%
R535	038-15100-20	RES 0603 CHIP 10K +-0.5%	R689	038-13470-00	RES 0603 470E 1/16W +-5%
R536	038-15470-10	RES 0603 CHIP 47K 1/16W+-1%	R690	038-15100-00	RES 0603 10K 1/16W +-5%
R537	038-15270-20	RES 0603 CHIP 27K +-0.5%	R691	038-14100-00	RES 0603 1K0 1/16W +-5%
R538	038-16100-00	RES 0603 100K 1/16W +-5%	R692	038-15470-00	RES 0603 47K 1/16W +-5%
R539	038-14220-00	RES 0603 2K2 1/16W +-5%	R693	038-15470-00	RES 0603 47K 1/16W +-5%
R540	038-14220-00	RES 0603 2K2 1/16W +-5%	R694	038-15470-00	RES 0603 47K 1/16W +-5%
R541	038-15390-00	RES 0603 CHIP 39K 1/16W +-5%	R695	038-15470-00	RES 0603 47K 1/16W +-5%
R542	038-15470-00	RES 0603 47K 1/16W +-5%	R7	038-12100-00	RES 0603 10E 1/16W +-5%
R543	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%	R8	038-13330-00	RES 0603 330E 1/16W +-5%
R544	038-15470-00	RES 0603 47K 1/16W +-5%	R9	038-13470-00	RES 0603 470E 1/16W +-5%
R545	038-16100-00	RES 0603 100K 1/16W +-5%	XF301	276-10000-12	FLTR XTL 45.1MHZ 12KHZ BW
R546	038-14100-00	RES 0603 1K0 1/16W +-5%	XF302	276-10000-13	FLTR XTL 45.1MHZ 15KHZ BW
R547	038-15470-00	RES 0603 47K 1/16W +-5%	XF303	276-10000-05	FLTR CER 455KHZ 10KHZ
R548	038-14120-00	RES 0603 CHIP 1K2 1/16W +-5%	XF304	276-10000-05	FLTR CER 455KHZ 10KHZ
R549	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%	XL301	274-10016-00	XTL44.645 MHZ SMX-1S TE22
R550	038-14270-00	RES 0603 CHIP 2K7 1/16W +-5%	XL501	274-10011-00	XTL 16.128 MHZ +-20PPM T
R552	038-15470-00	RES 0603 47K 1/16W +-5%			
R554	038-15470-00	RES 0603 47K 1/16W +-5%			
R556	038-15470-00	RES 0603 47K 1/16W +-5%			
R558	038-15470-00	RES 0603 47K 1/16W +-5%			
R560	038-15470-00	RES 0603 47K 1/16W +-5%			
R561	038-15470-00	RES 0603 47K 1/16W +-5%			
R562	038-15470-00	RES 0603 47K 1/16W +-5%			
R564	038-15470-00	RES 0603 47K 1/16W +-5%			
R565A	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%			
R565B	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%			
R565D	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%			
R566	038-14470-00	RES 0603 4K7 1/16W +-5%			
R568	038-14470-00	RES 0603 4K7 1/16W +-5%			
R570	038-15100-00	RES 0603 10K 1/16W +-5%			
R571	038-16680-00	RES 0603 CHIP 680K 1/16W +-5%			
R572	038-10000-00	RES 0603 ZERO OHM 1/16W +-5%			
R573	038-14100-00	RES 0603 1K0 1/16W +-5%			
R574	038-17560-00	RES 0603 CHIP 5M6 1/16W +-5%			
R575	038-12220-00	RES 0603 22E 1/16W +-5%			
R576	038-15100-20	RES 0603 CHIP 10K +-0.5%			
R577	038-14680-00	RES 0603 6K8 1/16W +-5%			
R578	038-15100-00	RES 0603 10K 1/16W +-5%			
R579	038-14820-00	RES 0603 8K2 1/16W +-5%			
R580	038-14100-00	RES 0603 1K0 1/16W +-5%			
R581	038-14470-00	RES 0603 4K7 1/16W +-5%			
R582	038-15180-00	RES 0603 CHIP 18K 1/16W			
R583	038-14680-00	RES 0603 6K8 1/16W +-5%			
R585	038-17100-00	RES 0603 1M 1/16W +-5%			
R586	038-15680-00	RES 0603 CHIP 68K 1/16W +-5%			
R587	038-17100-00	RES 0603 1M 1/16W +-5%			
R588	038-15560-00	RES 0603 56K 1/16W +-5%			
R589	038-14470-00	RES 0603 4K7 1/16W +-5%			
R590	038-13470-00	RES 0603 470E 1/16W +-5%			
R591	038-15560-00	RES 0603 56K 1/16W +-5%			
R6	038-12100-00	RES 0603 10E 1/16W +-5%			
R601	038-15270-00	RES 0603 27K 1/16W +-5%			
R602	038-14150-00	RES 0603 1K5 1/16W +-5%			
R603	038-17100-00	RES 0603 1M 1/16W +-5%			
R604	038-15330-00	RES 0603 CHIP 33K 1/16W +-5%			
R606	038-15470-10	RES 0603 CHIP 47K 1/16W+-1%			
R608	038-14330-00	RES 0603 3K3 1/16W +-5%			
R610	038-14150-00	RES 0603 1K5 1/16W +-5%			
R614	038-15470-00	RES 0603 47K 1/16W +-5%			
R615	038-15470-00	RES 0603 47K 1/16W +-5%			
R616	038-15270-00	RES 0603 27K 1/16W +-5%			
R617	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%			
R618	038-15100-00	RES 0603 10K 1/16W +-5%			
R620	038-13100-00	RES 0603 100E 1/16W +-5%			
R632	038-15120-00	RES 0603 CHIP 12K 1/16W +-5%			
R632A	038-17221-10	RES 0603 CHIP 2M21 16W +-1%			
R633	038-16330-00	RES 0603 CHIP 330K 1/16W +-5%			
R634	038-14470-00	RES 0603 4K7 1/16W +-5%			
R635	038-15470-00	RES 0603 47K 1/16W +-5%			
R636	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%			
R639	038-15470-00	RES 0603 47K 1/16W +-5%			
R640	038-16100-00	RES 0603 100K 1/16W +-5%			
R641	038-15270-00	RES 0603 27K 1/16W +-5%			
R642	038-15470-00	RES 0603 47K 1/16W +-5%			
R643	038-15470-00	RES 0603 47K 1/16W +-5%			
R644	038-15220-00	RES 0603 CHIP 22K 1/16W +-5%			
R646	038-15100-00	RES 0603 10K 1/16W +-5%			
R647	038-16100-00	RES 0603 100K 1/16W +-5%			
R648	038-15470-00	RES 0603 47K 1/16W +-5%			
R649	038-14470-00	RES 0603 4K7 1/16W +-5%			
R650	038-14470-00	RES 0603 4K7 1/16W +-5%			
R653	038-15470-00	RES 0603 47K 1/16W +-5%			
R654	038-16100-00	RES 0603 100K 1/16W +-5%			
R655	038-15470-00	RES 0603 47K 1/16W +-5%			
R656	038-14220-00	RES 0603 2K2 1/16W +-5%			

Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit
BL301	2:G6	3-H6	C214	1:E5	5-F7	C365	2:K3	3-G3	C571	2:A6	4-O0
BL302	2:G6	3-J6	C215	1:E5	5-G7	C366	2:K6	3-L2	C572	2:C5	4-P1
C1	1:L3	1-B4	C216	1:E5	5-G7	C367	2:L4	3-M2	C573	1:G1	4-S1
C2	1:K2	1-B1	C217	1:D6	5-F5	C368	2:L4	3-M2	C574	2:C5	4-P0
C3	1:K2	1-B2	C218	1:E6	5-H5	C369	2:L6	3-N2	C576	2:C5	4-P1
C4	1:K2	1-B1	C219	1:D6	5-H6	C370	2:L4	3-M2	C578	2:C5	4-Q1
C5	1:K3	1-B2	C220	1:E6	5-H6	C372	2:L6	3-P2	C579	1:C5	4-N0
C6	1:K2	1-C1	C222	1:E6	5-H5	C375	2:L6	3-Q3	C581	1:G1	4-R0
C7	1:K2	1-C2	C223	1:E5	5-J6	C376	2:L5	3-Q2	C582	1:A4	4-R1
C8	1:K3	1-C1	C226	1:E5	5-K5	C378	2:L4	3-Q3	C583	2:C4	4-S2
C9	1:K3	1-C1	C229	1:G6	5-B3	C379	1:L5	3-Q1	C588	2:C4	4-S0
C10	1:J3	1-D1	C240	1:G6	5-B3	C384	2:K6	3-L0	C590	2:C6	4-T0
C11	1:K1	1-D1	C241	1:G6	5-C3	C385	2:L6	3-P1	C593	1:J2	4-P8
C15	1:H4	1-B0	C242	1:H6	5-C3	C400	2:E6	6-C2	C594	1:H2	4-P8
C16	1:H3	1-C0	C243	1:G6	5-B1	C401	2:E6	6-B2	C595	1:H2	4-P7
C100	1:G5	2-B2	C246	1:E6	5-F3	C402	2:E6	6-C3	C596	1:K1	4-Q8
C101	1:G5	2-C3	C247	1:D6	5-G3	C403	2:E6	6-B3	C597	1:H2	4-R7
C102	1:H5	2-D2	C270	2:A3	7-C4	C404	2:E6	6-C2	C608	2:C6	4-P6
C103	1:H5	2-E3	C271	1:A4	7-D4	C406	2:E6	6-C4	C610	2:B6	4-R7
C104	1:H5	2-F3	C272	2:A3	7-E4	C408	2:E6	6-C4	C612	2:B6	4-R6
C105	1:H5	2-F2	C273	2:A3	7-E5	C410	2:E6	6-E4	C614	2:B6	4-S6
C106	1:H5	2-F3	C274	1:A2	7-D5	C412	2:F6	6-D4	C616	2:C6	4-S6
C110	1:H5	2-F2	C275	2:A2	7-F5	C413	1:F6	6-C5	C618	2:C6	4-S6
C111	2:H5	2-G2	C276	2:A2	7-G5	C416	1:F6	6-D6	C619	1:A6	4-W7
C112	2:H4	2-G3	C278	2:A2	7-G4	C417	1:F6	6-D6	C640	2:E4	4-U2
C113	2:G5	2-H3	C279	1:A4	7-H4	C418	1:F6	6-D6			
C114	1:J4	2-H8	C280	1:A2	7-J4	C419	2:F6	6-E6	D1	2:L3	1-R9
C115	1:J4	2-H7	C301	2:J4	3-B6	C422	1:F5	6-F5	D1	2:L3	1-R8
C116	2:G5	2-H3	C302	2:J4	3-B6	C423	1:F6	6-F5	D100	2:J3	2-N1
C120	2:G5	2-H2	C303	2:J4	3-C6	C424	2:E5	6-F3	D100	2:J3	2-N1
C121	2:F4	2-H4	C304	2:J4	3-C6	C426	2:E4	6-G3	D101	2:J2	2-N3
C122	2:G5	2-J3	C305	2:J4	3-C6	C430	2:E5	6-G4	D205	1:D5	5-H8
C123	2:G4	2-J2	C306	2:J4	3-C6	C431	2:F5	6-G6	D205	1:D5	5-H8
C124	2:G4	2-J2	C309	2:J4	3-C7	C432	2:F5	6-H4	D206	1:D6	5-G3
C125	1:H4	2-J8	C310	2:J5	3-D7	C436	1:F5	6-H6	D206	1:D6	5-H3
C126	1:H3	2-J5	C311	1:H5	3-D8	C437	1:F6	6-H6	D270	2:A2	7-G5
C127	2:G4	2-J2	C312	2:H5	3-D7	C439	1:F5	6-J5	D270	2:A2	7-G4
C130	2:H4	2-J5	C315	2:J5	3-E6	C440	1:F6	6-H6	D301	2:J4	3-C6
C131	2:G4	2-J3	C316	2:J6	3-E6	C442	2:E5	6-J4	D302	2:J6	3-F6
C132	2:G3	2-K3	C317	2:J6	3-E6	C446	2:E4	6-J1	D303	2:H6	3-G6
C133	2:G2	2-L3	C318	2:J6	3-F6	C502	1:F4	4-D9	D305	2:G6	3-J6
C135	2:G1	2-L2	C319	2:J6	3-F6	C504	1:F4	4-E9	D400	2:F6	6-E5
C136	2:H2	2-L4	C320	2:J6	3-F5	C505	1:D4	4-A5	D402	2:E6	6-E5
C140	2:H3	2-L5	C325	2:J6	3-F7	C506	2:D3	4-B5	D404	2:F5	6-G5
C141	2:G2	2-L2	C326	2:H6	3-G6	C506A	2:E3	4-A5	D406	2:E5	6-G5
C142	2:J4	2-L1	C326A	2:H6	3-H6	C512	2:D3	4-C3	D502	2:E2	4-G5
C143	2:J4	2-L0	C327	2:H6	3-G6	C514	2:D3	4-C3	D502	2:E2	4-G6
C144	2:H2	2-L2	C328	2:H6	3-G5	C515	2:E3	4-C3	D504	2:B1	4-J7
C145	2:H2	2-M2	C329	2:H6	3-H6	C516	2:E3	4-D3	D504	2:B1	4-J7
C146	1:H6	2-M7	C331	2:F6	3-K6	C518	1:D1	4-E2	D506	2:C6	4-P6
C147	1:G5	2-M3	C332	1:J6	3-K6	C520	1:G2	4-T0	D506	2:C6	4-P6
C150	2:J2	2-M3	C333	1:J6	3-L6	C524	2:B2	4-J6	D507	1:G2	4-S0
C151	2:H2	2-M3	C334	1:J6	3-L6	C525	2:C1	4-I7	D507	1:G2	4-S0
C152	1:H6	2-N7	C335	1:J6	3-L6	C528	2:A1	4-K6	D508	2:C4	4-R2
C153	2:J3	2-N0	C336	1:J6	3-M6	C530	2:A2	4-L6	D508	2:C4	4-R2
C154	1:H6	2-N7	C337	1:K6	3-M6	C532	2:B6	4-J4	D510	2:C5	4-M3
C156	1:H5	2-N3	C338	1:K6	3-M7	C534	2:B6	4-K4	D510	2:C5	4-L3
C160	2:J2	2-P3	C339	1:K6	3-N6	C535	1:H1	4-T0			
C161	2:J2	2-P3	C340	1:K6	3-M7	C536	1:H1	4-T0	IC100	1:G5	2-B2
C162	2:J2	2-P2	C342	1:K6	3-P6	C540	2:A6	4-L3	IC101	1:J3	2-H7
C163	1:H6	2-P7	C343	1:K6	3-P6	C542	2:B6	4-H2	IC101	1:J3	2-D7
C164	2:J2	2-P2	C344	1:K5	3-Q6	C543	1:B4	4-H2	IC101	1:J3	2-K7
C165	2:K2	2-P2	C345	1:K5	3-Q6	C544	2:B6	4-J1	IC104	1:H6	2-N7
C166	2:K2	2-Q3	C346	1:K5	3-Q6	C545	1:A6	4-K0	IC201	1:D5	5-E6
C170	2:K2	2-Q2	C350	1:J5	3-B1	C548	2:B6	4-M0	IC202	1:G6	5-C3
C171	2:F4	2-Q7	C351	2:K6	3-B1	C549	1:A6	4-M0	IC203	1:E5	5-J5
C172	2:K2	2-Q2	C352	2:K6	3-B2	C550	1:B6	4-L0	IC203	1:E5	5-A6
C173	2:K2	2-R2	C355	2:K3	3-E2	C551	1:A6	4-M0	IC203	1:E5	5-G6
C200	1:E5	5-B6	C356	2:K6	3-E3	C553	1:A5	4-M0	IC301	2:K5	3-E2
C201	2:D4	5-C8	C357	2:K6	3-E3	C559	1:C5	4-L1	IC301	2:K5	3-G1
C202	2:D6	5-C7	C358	2:K6	3-F3	C560	2:A6	4-M1	IC301	2:K5	3-B2
C208	1:D5	5-E8	C359	2:K4	3-G2	C561	1:C6	4-N1	IC302	1:L5	3-M1
C209	1:D5	5-E8	C360	2:K4	3-G2	C566	2:C6	4-N1	IC302	1:L5	3-N1
C211	1:D6	5-F8	C362	2:K6	3-K3	C567	1:C5	4-N2	IC302	1:L5	3-N2
C213	1:G6	5-F8	C363	2:K6	3-K3	C568	2:C6	4-N2	IC302	1:L5	3-L2
			C364	2:K4	3-K1	C569	1:C5	4-O1	IC302	1:L5	3-Q3

Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit
IC400	2:E6	6-E3	L424	1:F6	6-H6	R12	2:J6	1-N5	R237	1:E6	5-H5
IC402	2:E5	6-G3	L426	2:E5	6-J4	R13	1:K6	1-P5	R238	1:E5	5-H6
IC501	2:D2	4-A9	LK1	2:L6	1-Q5	R14	1:L6	1-N5	R240	1:E5	5-J5
IC502	1:F2	4-D7	LK2	2:L6	1-Q5	R15	1:L6	1-P5	R241	1:G6	5-B0
IC503-FB	1:C2	4-A0	LK3	2:L6	1-Q7	R16	1:K6	1-P5	R242	1:G6	5-B2
IC503-FA	1:E4	4-A0	LK4	2:L6	1-Q7	R17	2:L6	1-R6	R245	1:E6	5-F3
IC503	1:D3	4-A4	LP405	2:F6	6-E5	R20	1:C6	1-M0	R246	1:D6	5-G3
IC503	1:D3	4-D3	LP406	2:F6	6-E5	R100	1:G5	2-A2	R270	1:A4	7-D4
IC504-FB	1:C1	4-A0	LP418	2:E5	6-G5	R101	1:G5	2-A2	R281	1:A4	7-D4
IC504-FA	1:D3	4-A1	LP419	2:F5	6-H5	R102	1:G5	2-B2	R282	1:A3	7-D5
IC504	1:C3	4-D1				R103	1:G5	2-D3	R283	2:B2	7-F5
IC506	2:B1	4-K7	M201	2:D6	5-C7	R104	1:H5	2-E2	R284	2:A3	7-G5
IC507	1:B6	4-Q3	M202	2:D6	5-C6	R105	1:H5	2-E3	R285	1:A3	7-H5
IC507	1:B6	4-L2				R106	1:H5	2-E2	R286	1:A3	7-H5
IC507	1:B6	4-H2	PL1	1:K2	1-H0	R110	1:H5	2-F3	R301	2:H5	3-D8
IC508	2:A6	4-J3				R111	1:G4	2-G4	R302	2:J5	3-D7
IC509	1:B2	4-I0	Q1	2:L2	1-Q9	R112	1:G4	2-G4	R303	2:J5	3-D6
IC510	1:B5	4-J0	Q2	2:L2	1-Q8	R113	1:G4	2-G5	R304	2:J4	3-C7
IC511	1:C6	4-Q6	Q3	1:K6	1-N4	R114	1:G4	2-G4	R305	2:J4	3-C7
IC511	1:C6	4-N1	Q4	1:L6	1-P5	R115	2:H5	2-G2	R306	2:J5	3-D6
IC511	1:C6	4-R6	Q5	1:K6	1-P5	R118	1:H4	2-G7	R308	2:H6	3-F7
IC511	1:C6	4-O6	Q100	1:H5	2-E2	R120	2:H4	2-G3	R309	2:J6	3-F6
IC511	1:C6	4-T0	Q101	1:G4	2-G5	R121	2:H5	2-H2	R310	2:H6	3-G6
IC512	1:J2	4-Q7	Q102	1:H4	2-G4	R122	1:G4	2-G5	R314	2:F6	3-K6
IC513	1:C5	4-O0	Q103	2:G5	2-H2	R123	1:J4	2-H6	R315	1:K6	3-M8
IC513	1:C5	4-M2	Q104	1:H4	2-J8	R124	1:G4	2-H5	R316	1:K6	3-M7
IC513	1:C5	4-Q1	Q105	1:J4	2-J8	R125	1:J4	2-H8	R317	1:K6	3-M7
IC513	1:C5	4-R0	Q106	2:G3	2-K2	R126	2:G5	2-H3	R318	1:K6	3-M7
IC514	1:J1	4-R8	Q110	1:H3	2-L6	R130	1:H4	2-J8	R319	1:K6	3-N6
IC514	1:J1	4-R7	Q111	1:G5	2-L4	R131	1:J4	2-J8	R320	1:J6	3-K7
IC515	1:G1	4-S0	Q112	2:H3	2-M0	R132	1:J4	2-J7	R321	1:K6	3-N7
			Q205	1:D6	5-G3	R133	1:H4	2-J8	R323	1:K5	3-B1
L101	1:G5	2-D2	Q280	1:A3	7-D5	R134	1:H3	2-J6	R324	2:K6	3-C1
L102	1:G5	2-D3	Q281	2:A2	7-F5	R135	1:H4	2-J8	R325	1:J5	3-B1
L103	1:H5	2-E4	Q301	2:J5	3-D6	R136	1:H3	2-J6	R326	2:K3	3-C2
L104	1:H5	2-E4	Q305	1:K6	3-N6	R140	2:G3	2-J2	R327	2:K3	3-D2
L105	1:H5	2-E3	Q305	1:K6	3-N7	R141	2:G3	2-J2	R328	2:K3	3-D2
L110	2:H5	2-G2	Q307	2:K3	3-D2	R142	1:J4	2-K8	R329	2:K3	3-D3
L111	2:G5	2-H4	Q309	2:L6	3-P2	R143	1:J3	2-K7	R330	2:K3	3-E2
L112	2:G5	2-H3	Q320	1:L5	3-R2	R144	1:J3	2-K6	R331	2:K6	3-K3
L113	2:G4	2-H2	Q321	2:L3	3-R1	R145	2:G4	2-K4	R333	2:K4	3-J0
L114	2:G4	2-J2	Q400	1:F6	6-D5	R146	2:G3	2-K3	R334	2:K4	3-J0
L115	2:H3	2-K4	Q402	1:F5	6-H5	R150	1:G3	2-K5	R335	2:K4	3-J0
L116	2:G2	2-K3	Q404	2:E6	6-H7	R151	1:J4	2-K8	R336	2:K6	3-K0
L120	2:G2	2-K3	Q406	2:E6	6-G7	R152	1:J3	2-K6	R337	2:L4	3-M2
L121	2:J3	2-L1	Q502	2:E3	4-C3	R153	2:G3	2-K3	R338	2:K6	3-L2
L122	2:H1	2-L3	Q503	2:C1	4-H7	R154	1:J3	2-K7	R339	2:L6	3-P2
L123	2:J2	2-N3	Q504	2:C1	4-I6	R155	1:J3	2-K7	R340	2:L4	3-M2
L124	2:J4	2-N1	Q505	2:D1	4-I6	R156	2:H3	2-K4	R341	2:L4	3-M1
L126	2:J3	2-N1	Q506	2:A4	4-Q5	R160	1:H3	2-L7	R342	2:L5	3-N2
L130	2:J2	2-P3	Q513	2:C6	4-L4	R161	1:J3	2-L7	R344	2:L6	3-P2
L131	2:K2	2-Q3	Q514	2:C5	4-P1	R162	1:G5	2-M4	R345	2:L6	3-P3
L132	2:K2	2-Q3	Q516	2:C4	4-R1	R163	1:G5	2-M3	R346	2:L6	3-P3
L202	1:D6	5-F9	Q517	2:C4	4-R2	R164	2:H3	2-M0	R347	2:L6	3-P2
L203	1:G6	5-B3	Q518	2:C5	4-S0	R165	2:H3	2-M0	R348	2:L6	3-P2
L270	2:A3	7-E4	Q519	2:C4	4-S1	R166	2:H4	2-M0	R349	2:K3	3-R1
L301	2:H4	3-C5	Q522	1:J2	4-P7	R167	1:H6	2-M7	R350	2:L4	3-R1
L302	2:J5	3-D7	Q524	1:H2	4-P7	R171	2:J3	2-N0	R351	2:L4	3-R1
L304	2:J5	3-D6	Q527	2:A5	4-N0	R172	2:J3	2-P0	R352	1:L5	3-Q1
L306	2:J6	3-F5	Q529	2:A5	4-M0	R173	2:J3	2-P0	R353	2:L5	3-M1
L307	2:H6	3-G5	Q530	1:A6	4-L0	R174	1:H6	2-P8	R354	2:L5	3-N1
L308	1:J6	3-K6	Q531	2:F4	4-J5	R197	1:G4	2-H5	R355	2:L4	3-Q3
L309	1:J6	3-K6	Q532	2:A5	4-N0	R202	1:E5	5-A6	R356	2:L6	3-R3
L310	1:K6	3-M6	Q533	2:E4	4-I5	R203	1:E5	5-A6	R358	2:L4	3-L1
L316	1:K5	3-Q6	Q535	2:F4	4-K6	R204	1:E5	5-B7	R365	2:L6	3-N1
L318	1:K5	3-B1				R205	1:E4	5-B7	R370	2:L5	3-M2
L401	2:E6	6-B3	R1	1:K2	1-B3	R219	1:D6	5-E7	R371	2:L5	3-N2
L402	2:E6	6-C2	R2	1:K3	1-B3	R221	1:D5	5-D9	R372	2:K6	3-L2
L404	2:E6	6-C4	R3	1:K2	1-C2	R223	1:D5	5-E8	R373	2:L5	3-N2
L408	2:F6	6-D5	R4	1:J2	1-C2	R224	1:D6	5-E8	R380	2:L5	3-L3
L410	1:F6	6-D6	R5	1:K2	1-B3	R227	1:E5	5-F5	R381	2:L5	3-L2
L412	2:F6	6-E5	R6	1:K3	1-C2	R228	1:E6	5-G5	R390	1:L5	3-R2
L414	2:F6	6-F5	R7	1:J3	1-D2	R229	1:D6	5-G5	R391	2:L4	3-R2
L416	2:F4	6-F5	R8	1:K2	1-C3	R230	1:D6	5-G5	R392	2:L5	3-R2
L420	2:F4	6-G5	R9	2:L3	1-R9	R234	1:D5	5-H7	R393	2:L3	3-R1
L422	2:F5	6-H5	R10	2:L3	1-R8	R236	1:E6	5-H6	R394	2:K3	3-R2

<u>Device</u>	<u>PCB</u>	<u>Circuit</u>	<u>Device</u>	<u>PCB</u>	<u>Circuit</u>	<u>Device</u>	<u>PCB</u>	<u>Circuit</u>	<u>Device</u>	<u>PCB</u>	<u>Circuit</u>
R399	2:L3	3-R2	R549	2:A6	4-K3	R674	2:B6	4-S6			
R402	2:E6	6-C4	R550	2:B6	4-K3	R676	2:C6	4-S6			
R404	1:F6	6-D5	R552	1:C2	4-G1	R678	2:C6	4-S6			
R406	1:F6	6-D5	R554	1:C2	4-H1	R679	1:K1	4-S6			
R408	2:F6	6-D5	R556	1:C2	4-G1	R685	1:D4	4-V3			
R410	1:F6	6-D6	R558	1:B4	4-H1	R685A	1:E4	4-U3			
R412	1:F6	6-D6	R560	1:B4	4-G1	R686	1:D4	4-V3			
R416	1:F6	6-D7	R561	1:B4	4-H1	R686A	1:E4	4-U3			
R418	2:E6	6-E5	R562	1:B4	4-G1	R687	1:D4	4-V2			
R420	2:F6	6-F5	R564	1:B4	4-H1	R688	2:E4	4-U2			
R422	2:E6	6-E3	R565	2:B6	4-J1	R689	2:E4	4-V2			
R424	2:E4	6-G3	R565A	2:F3	4-J2	R690	1:C3	4-V5			
R426	2:F4	6-F5	R565B	2:F4	4-J2	R691	1:E4	4-V5			
R428	2:F4	6-G5	R565D	1:F4	4-J1	R692	2:E3	4-I5			
R430	2:F5	6-H5	R566	1:B2	4-I2	R693	2:E3	4-J5			
R434	1:F5	6-H5	R568	1:A4	4-J2	R694	2:F3	4-J6			
R436	1:F5	6-H5	R570	2:B6	4-L1	R695	2:F3	4-K6			
R438	1:F5	6-H6	R571	2:A6	4-L1	RSW1	1:L4	1-R7			
R440	1:F6	6-H6	R572	2:A6	4-L1	RV1	1:L6	1-R6			
R442	2:E5	6-H7	R573	1:G1	4-R1	RV1	1:L6	1-R5			
R444	2:E6	6-G7	R574	2:A6	4-L1						
R446	2:E6	6-G7	R575	1:A6	4-L0	SK3	1:L2	1-R0			
R448	2:E6	6-H7	R576	1:C6	4-M1						
R450	2:E5	6-J4	R577	1:A6	4-M0	TP1	1:L6	1-P7			
R501	2:D1	4-B9	R578	1:A6	4-M0	TP2	1:L6	1-B9			
R502	2:B1	4-I7	R579	1:C6	4-N0	TP3	1:L6	1-B1			
R503	2:E2	4-G9	R580	2:B6	4-L1	TP4	1:L6	1-N8			
R504	1:E1	4-C9	R581	1:C5	4-N0	TP5	1:L3	1-N8			
R505	2:E2	4-G9	R582	2:B6	4-L1	TP6	1:L2	1-P7			
R506	2:F3	4-A8	R583	1:C6	4-N1	TP7	1:A4	1-B5			
R507	1:E1	4-D9	R585	1:C5	4-M2	TP8	1:L1	1-C3			
R508	2:F3	4-D9	R586	2:C6	4-N2	TP9	1:L3	1-D2			
R509	2:C1	4-H7	R587	1:C5	4-O1	TP10	1:C4	1-C3			
R510	1:F4	4-E9	R588	2:C6	4-N2	TP11	1:H2	1-C3			
R511A	2:F1	4-G8	R589	1:C6	4-O1	TP12	1:H1	1-C3			
R511B	1:F4	4-I6	R590	1:C6	4-O2	TP13	1:H1	1-C2			
R511C	1:F4	4-K6	R591	1:C5	4-O1	TP14	1:L1	1-C7			
R511D	2:F1	4-G8	R594	1:C6	4-L0	TP15	1:H2	1-B0			
R512	2:B2	4-J7	R601	2:A6	4-O0	TP16	1:D4	1-P3			
R513	2:E3	4-D6	R602	2:C5	4-P1	TP17	1:L1	1-M8			
R514	2:F3	4-H7	R603	1:A6	4-N0						
R515	2:F2	4-G9	R604	2:C5	4-P1	XF301	1:J6	3-L6			
R516	2:F3	4-H7	R606	2:C5	4-P0	XF302	1:K5	3-P6			
R517	2:F1	4-G9	R608	2:C5	4-Q1	XF303	1:K4	3-C2			
R518	2:B1	4-H6	R610	2:C5	4-Q1	XF304	1:K4	3-F2			
R519	2:C1	4-I7	R614	2:C4	4-Q2	XL301	1:J5	3-B1			
R520	2:B1	4-J6	R615	2:C4	4-S2	XL501	2:D4	4-C3			
R521	2:C2	4-I7	R616	2:C4	4-S1						
R522	2:D1	4-H6	R617	1:C6	4-N2						
R523	1:D1	4-C1	R618	2:C5	4-S0						
R524	2:C1	4-I7	R620	2:C6	4-T0						
R525	2:F1	4-H9	R630	1:A6	4-K0						
R526	2:E2	4-H6	R632	1:A5	4-L0						
R527	2:F2	4-H9	R632A	1:A5	4-M0						
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-P7						
R534	2:A5	4-K3	R642	1:H2	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:H2	4-T0	R648	1:K1	4-Q8						
R540	1:H2	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						