

BOM for XMABP10 revision 005

Pos	Item	Description	Len	Qty	Units	Effective	Exp	StdCost	W/H	Circuit References
35 - SMD Top Side										
10	001-10002-02	Diode SMD BB202 VCAP SOD523	0	1	ea	19-Jun-03			TELEMS6	D2
30	002-10054-02	IC SMD TMS320VC5402 144TQFP	0	1	ea	19-Jun-03			TELEMS6	IC2
40	002-10093-66	IC 93C66 4k Serial Eeprom Tsop	0	1	ea	26-Aug-03			TELEMS6	IC6
50	002-10793-18	IC TPS79318 1V8 LD0 200mA Reg	0	1	ea	19-Jun-03			TELEMS6	IC10
60	002-12880-00	IC 28W800 Bot Flash 90ns Tsop	0	1	ea	19-Jun-03			TELEMS6	IC5
70	002-74910-41	IC SMD 74V1G04 Inverter SC70	0	1	ea	19-Jun-03			TELEMS6	IC4
80	014-08100-30	Cap Tant SMD 100u 10v Loesr D	0	2	ea	19-Jun-03			TELEMS6	C48, C49
120	018-13150-00	Cap 0603 150p 50v NPO +-5%	0	2	ea	19-Jun-03			TELEMS6	C51, C52
130	018-16100-00	Cap 0603 100n 16vx7r+- 10%	0	32	ea	27-Aug-03			TELEMS6	C10, C12, C17, C23, C24, C25, C26, C27, C28, C29, C31, C32, C33, C34, C35, C36, C37, C38, C39, C4, C43, C44, C45, C46, C50, C57, C58, C59, C60, C61, C7, C9
150	038-13470-00	Res 0603 470e 1/16w +- 5%	0	2	ea	19-Jun-03			TELEMS6	R23, R3
160	038-14150-00	Res 0603 1k5 1/16w +-5%	0	2	ea	19-Jun-03			TELEMS6	R10, R7
180	038-15470-10	Res 0603 47k 1/16w+-1%	0	3	ea	19-Jun-03			TELEMS6	R14, R26, R27
200	038-17100-00	Res 0603 1m 1/16w +-5%	0	1	ea	19-Jun-03			TELEMS6	R9
210	159-77560-35	Ind SMD 0603 5.6uh 10% Smi F	0	1	ea	19-Jun-03			TELEMS6	L1
420	038-10000-00	Res 0603 Zero 0hm 1/16w +-5%	0	1	ea	25-Jun-03			TELEMS6	R16
430	038-12100-00	Res 0603 10e 1/16w +-5%	0	1	ea	25-Jun-03			TELEMS6	R17
460	018-11180-10	Cap 0603 1p8 50v NPO+- 0.1p	0	1	ea	7-Jul-03			TELEMS6	C55
470	018-12180-10	Cap 0603 18p 50v NPO +- 1%	0	2	ea	7-Jul-03			TELEMS6	C53, C54
480	018-12100-10	Cap 0603 10p 50v NPO+- 0.1	0	1	ea	26-Aug-03			TELEMS6	C68

490	038-15100-10	Res 0603 10k 1/16w +-1%	0	1	ea	27-Aug-03	TELEMS6 R4
500	038-16100-10	Res 0603 100k 1/16w +-1%	0	1	ea	26-Aug-03	TELEMS6 R12
510	220-01698-03	Pcb Dgtl Mcm TMA	0	1	ea	26-Aug-03	TELEMS6 PCB
36 - SMD Bottom Side							
230	001-10054-02	Diode SMD BAT54AW SOT-323	0	1	ea	19-Jun-03	TELEMS6 D1
250	002-10741-39	IC 74LCX139 2X2T04 DCdr Tosp16	0	1	ea	19-Jun-03	TELEMS6 IC3
260	002-11020-15	IC Sram 32KX16 15ns Async Tsop	0	1	ea	19-Jun-03	TELEMS6 IC9
270	002-20100-60	IC SMD EP1C6T144C8 Pld 144TQFP	0	1	ea	19-Jun-03	TELEMS6 IC1
280	014-08100-30	Cap Tant SMD 100u 10v Loesr D	0	2	ea	19-Jun-03	TELEMS6 C21, C8
310	018-15100-00	Cap 0603 10n 50v X7r +-10%	0	1	ea	19-Jun-03	TELEMS6 C56
320	018-16100-00	Cap 0603 100n 16vx7r+-10%	0	17	ea	27-Aug-03	TELEMS6 C1, C11, C13, C14, C15, C16, C18, C19, C2, C20, C3, C30, C40, C41, C42, C5, C6
340	038-13470-00	Res 0603 470e 1/16w +-5%	0	1	ea	19-Jun-03	TELEMS6 R22
350	038-14330-00	Res 0603 3k3 1/16w +-5%	0	1	ea	19-Jun-03	TELEMS6 R11
370	038-15470-10	Res 0603 47k 1/16w+-1%	0	1	ea	19-Jun-03	TELEMS6 R32
390	274-10023-00	Xtal 12.288MHz Hc-49/Sm+-30ppm	0	1	ea	19-Jun-03	TELEMS6 XL1
440	018-12470-10	Cap 0603 47p 50v NPO+-0.1	0	4	ea	25-Jun-03	TELEMS6 C69, C70, C71, C72
450	038-12220-00	Res 0603 22e 1/16w +-5%	0	1	ea	25-Jun-03	TELEMS6 R1
520	002-10725-15	IC SMD TPS72515 1V5 LDO 1A Reg	0	1	ea	26-Aug-03	TELEMS6 IC11
530	038-15100-10	Res 0603 10k 1/16w +-1%	0	2	ea	27-Aug-03	TELEMS6 R2, R5
540	038-16100-10	Res 0603 100k 1/16w +-1%	0	2	ea	26-Aug-03	TELEMS6 R13, R25

BOM for TMAA02-06 revision 002

Pos	Item	Description	Len	Qty	Units	Effective	Exp	StdCost	W/H	Circuit References
80 - Final Assembly/Pack										
10	252-00010-41	Mic Capsule Electret 2.7*6mm	0	1	ea	2-Sep-03			TELMR1	
20	365-00011-38	Lbl Static Warning Yel	0	1	ea	2-Sep-03			TELMR1	
30	369-01031-00	Rbbr Mic Upper A3M2751 T3K	0	1	ea	2-Sep-03			TELMR1	
40	399-00010-53	Bag Plstc 150*250mm	0	1	ea	2-Sep-03			TELMR1	
50	399-00010-86	Bag Static Shlding 127x203mm	0	1	ea	2-Sep-03			TELMR1	
60	410-01162-00	Pkg Hdr Card Blank	0	1	ea	2-Sep-03			TELMR1	
70	XMAA02-06	Pba Concealed & Dyn Mic	0	1	ea	2-Sep-03			TELMR1	
80	240-10003-00	Hdr SMD 6w 2x3 Lo-Prof 2mm	0	1	ea	9-Sep-03			TELMR1	P3
90	240-10004-00	Hdr SMD 8w 2x4 Lo-Prof 2mm	0	1	ea	9-Sep-03			TELMR1	P2

Parts List

Ref	Var	IPN	Description	Ref	Var	IPN	Description	Ref	Var	IPN	Description
C1		018-13470-00	Cap 0603 470p 50v X7r+-10%	C706		015-26330-08	Cap Cer 0805 330n 5% 10v X7r	R8		038-13100-00	Res 0603 100e 1/16w +-5%
C2		015-23270-05	Cap 0805 270p 1% 200v Grm40	C707		018-15100-00	Cap 0603 10n 50v X7r +-10%	R9		038-15100-10	Res 0603 10k 1/16w +-1%
C3		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	D1		001-10284-82	Diode SMD BZX2848BZ2 Zensod110	R10		038-12100-00	Res 0603 10e 1/16w +-5%
C4		018-13100-00	Cap 0603 100p 50v NPO +-5%	D2		001-10000-99	Diode SMD BA999 D-Sw SOT23	R11		038-15100-10	Res 0603 10k 1/16w +-1%
C5		018-13100-00	Cap 0603 100p 50v NPO +-5%	D102		001-10000-99	Diode SMD BA999 D-Sw SOT23	R12		038-14100-00	Res 0603 1k0 1/16w +-5%
C6		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	D104		001-10000-99	Diode SMD BA999 D-Sw SOT23	R13		038-15470-00	Res 0603 47k 1/16w +-5%
C7		015-23270-05	Cap 0805 270p 1% 200v Grm40	D106		001-10000-99	Diode SMD BA999 D-Sw SOT23	R14		038-15470-00	Res 0603 47k 1/16w +-5%
C8		015-24100-05	Cap Cer 0805 1N 100V 5% COG	D108		001-10000-99	Diode SMD BA999 D-Sw SOT23	R15		038-14470-00	Res 0603 4k7 1/16w +-5%
C9		015-23270-05	Cap 0805 270p 1% 200v Grm40	D201		001-10036-01	Diode SMD 30B0Q60 Sch 3a60 SMC	R16		038-15100-10	Res 0603 10k 1/16w +-1%
C10		015-23270-05	Cap 0805 270p 1% 200v Grm40	D203		001-10054-02	Diode SMD BAT54AW SOT-323	R17		038-15150-10	Res 0603 15k 1% WDS
C11		018-15100-00	Cap 0603 10n 50v X7r +-10%	D602		001-10000-99	Diode SMD BA999 D-Sw SOT23	R18		038-14470-00	Res 0603 4k7 1/16w +-5%
C12		018-13220-00	Cap 0603 220p 50v NPO+-5%	D604		001-10000-99	Diode SMD BA999 D-Sw SOT23	R19		038-10000-00	Res 0603 Zero Ohm 1/16w +-5%
C13		018-15270-00	Cap 0603 27n 50v X7r+-10%	D605		008-10004-00	LED SMD 0603 Green Ultrabright	R20		038-15100-10	Res 0603 10k 1/16w +-1%
C14		014-08330-00	Cap Tant SMD 330u 10v Loeser E	D606		008-10004-00	LED SMD 0603 Green Ultrabright	R21		036-13100-00	Res M/F SMD 0805 100e 5%
C101		018-15100-00	Cap 0603 10n 50v X7r +-10%	D607		008-10004-00	LED SMD 0603 Green Ultrabright	R22		038-15100-10	Res 0603 10k 1/16w +-1%
C102		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	D608		008-10004-00	LED SMD 0603 Green Ultrabright	R23		036-13100-00	Res M/F SMD 0805 100e 5%
C103		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	D609		008-10004-00	LED SMD 0603 Green Ultrabright	R24		036-14330-00	Res M/F SMD 0805 3k3 5%
C104		018-14100-00	Cap 0603 1n 50v X7r +-10%	D610		008-10004-00	LED SMD 0603 Green Ultrabright	R25		036-13100-00	Res M/F SMD 0805 100e 5%
C105		018-14100-00	Cap 0603 1n 50v X7r +-10%	D611		008-10004-00	LED SMD 0603 Green Ultrabright	R26		036-13820-00	Res M/F SMD 0805 820e 5%
C108		018-15100-00	Cap 0603 10n 50v X7r +-10%	D612		008-10004-00	LED SMD 0603 Green Ultrabright	R30		038-11470-00	Res 0603 4e7 1/16w +-1%
C109		018-13470-00	Cap 0603 470p 50v X7r+-10%	D613		008-10004-00	LED SMD 0603 Green Ultrabright	R31		038-15100-10	Res 0603 10k 1/16w +-1%
C110		018-14100-00	Cap 0603 1n 50v X7r +-10%	D614		008-10004-00	LED SMD 0603 Green Ultrabright	R32		038-15100-10	Res 0603 10k 1/16w +-1%
C201		015-27100-10	Cap Cer 0805 1m+-80-20% Y5v 16v	D615		008-10002-00	LED SMD 0603 Red U/B C190KRKT	R33		038-12560-00	Res 0603 56e 1/16w +-5%
C202		015-07470-10	Cap Cer 1206 4u7 X7r 16v	D616		008-10005-00	LED SMD 0603 Green Ultrabright	R34		038-10000-00	Res 0603 Zero Ohm 1/16w +-5%
C204		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	D617		008-10001-00	LED SMD 0603 Orange Ultrabright	R35		038-10000-00	Res 0603 Zero Ohm 1/16w +-5%
C205		015-06470-01	Cap Cer 1206 470n X7r 20% 50v	D618		008-10004-00	LED SMD 0603 Green Ultrabright	R36		038-10000-00	Res 0603 Zero Ohm 1/16w +-5%
C206		015-10047-00	Cap Cer SMD 4U7 50v X7R Grm55	D620		001-10000-99	Diode SMD BA999 D-Sw SOT23	R37		038-15100-10	Res 0603 10k 1/16w +-1%
C207		015-26100-08	Cap Cer 0805 100n 10% X7r 50v	D702		001-10000-99	Diode SMD BA999 D-Sw SOT23	R38		038-15100-10	Res 0603 10k 1/16w +-1%
C210		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	D704		001-10000-99	Diode SMD BA999 D-Sw SOT23	R39		038-15100-10	Res 0603 10k 1/16w +-1%
C302		018-13120-10	Cap 0603 120p 50v NPO+-1%	D706		001-10000-99	Diode SMD BA999 D-Sw SOT23	R40		038-15100-10	Res 0603 10k 1/16w +-1%
C303		018-15100-00	Cap 0603 10n 50v X7r +-10%	D708		001-10000-99	Diode SMD BA999 D-Sw SOT23	R102		038-10000-00	Res 0603 Zero Ohm 1/16w +-5%
C304		018-12180-10	Cap 0603 18p 50v NPO +-1%	E100		319-01258-00	Shld Can Dglt TMA	R103		038-15100-10	Res 0603 10k 1/16w +-1%
C305		018-13120-10	Cap 0603 120p 50v NPO+-1%	E103		057-11220-02	Ind 0603 Bim11a221 Emi Supr	R104		038-15100-10	Res 0603 10k 1/16w +-1%
C307		018-13120-10	Cap 0603 120p 50v NPO+-1%	E105		057-10020-02	Ind 0603 BIM18pg300 Emi Supr	R105		038-10000-00	Res 0603 Zero Ohm 1/16w +-5%
C401		018-15100-00	Cap 0603 10n 50v X7r +-10%	E106		057-10020-02	Ind 0603 BIM18pg300 Emi Supr	R106		038-15100-10	Res 0603 10k 1/16w +-1%
C402		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	E107		057-10020-02	Ind 0603 BIM18pg300 Emi Supr	R107		038-15100-10	Res 0603 10k 1/16w +-1%
C403		018-14100-00	Cap 0603 1n 50v X7r +-10%	E108		057-10020-02	Ind 0603 BIM18pg300 Emi Supr	R108		038-14100-00	Res 0603 1k0 1/16w +-5%
C404		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	E202		057-10020-02	Ind 0603 BIM18pg300 Emi Supr	R109		038-15100-10	Res 0603 10k 1/16w +-1%
C405		018-14100-00	Cap 0603 1n 50v X7r +-10%	E203		057-10020-02	Ind 0603 BIM18pg300 Emi Supr	R110		038-15100-10	Res 0603 10k 1/16w +-1%
C406		018-15100-00	Cap 0603 10n 50v X7r +-10%	E401		057-10020-02	Ind 0603 BIM18pg300 Emi Supr	R111		038-13100-00	Res 0603 100e 1/16w +-5%
C407		018-15100-00	Cap 0603 10n 50v X7r +-10%	E402		057-10020-02	Ind 0603 BIM18pg300 Emi Supr	R112		038-13100-00	Res 0603 100e 1/16w +-5%
C408		018-15100-00	Cap 0603 10n 50v X7r +-10%	F101		239-10001-00	Sw P-Estr SMD 100-2 1a 30v	R113		038-13100-00	Res 0603 100e 1/16w +-5%
C409		018-15100-00	Cap 0603 10n 50v X7r +-10%	J101		240-10007-00	Conn SMD 10W 2R SKT M/Match	R114		038-13100-00	Res 0603 100e 1/16w +-5%
C410		018-15100-00	Cap 0603 10n 50v X7r +-10%	J102		240-10000-15	Conn SMD 14w Zif 1mm Ffc/Fpc	R115		038-13100-00	Res 0603 100e 1/16w +-5%
C411		018-15100-00	Cap 0603 10n 50v X7r +-10%	J103		240-10000-11	Conn SMD 18w SKT M/Match	R116		038-13100-00	Res 0603 100e 1/16w +-5%
C412		018-15100-00	Cap 0603 10n 50v X7r +-10%	J104		240-04021-95	Sk1 2 Way SMD Hrt	R117		038-13100-00	Res 0603 100e 1/16w +-5%
C413		018-15100-00	Cap 0603 10n 50v X7r +-10%	J105		240-10000-24	Conn SMD 21w 1mm Pcb Str	R118		038-13100-00	Res 0603 100e 1/16w +-5%
C414		018-15100-00	Cap 0603 10n 50v X7r +-10%	J106		240-04048-00	Sk1 8way Vert RJ45	R119		036-02680-02	Res 1206 68e 5% 0.25w 200v
C415		018-15100-00	Cap 0603 10n 50v X7r +-10%	J107		240-10000-24	Conn SMD 21w 1mm Pcb Str	R201		038-15100-10	Res 0603 10k 1/16w +-1%
C416		018-15100-00	Cap 0603 10n 50v X7r +-10%	L1		056-10010-05	Ind SMD 2220 10uh 10% Simid05	R202		038-15330-10	Res 0603 33k 1%
C417		015-27100-10	Cap Cer 0805 1m+-80-20% Y5v 16v	L201		057-10015-16	IND SMD PWR CDRH6D38 15uH 1.6A	R203		038-15100-10	Res 0603 10k 1/16w +-1%
C419		018-15100-00	Cap 0603 10n 50v X7r +-10%	PCB		226-00600-03	PCB MFX Control Head	R205		038-14562-10	Res 0603 5k62 16w +-1%
C420		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q1		000-10008-57	Xstr SMD BC857 PNP SOT23 SS	R206		038-14330-10	Res 0603 3k3 1% 1/16w
C421		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q2		000-10000-20	Xstr Dual PNP Res Eq SOT363	R208		038-15330-10	Res 0603 33k 1%
C422		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q3		000-10000-90	Xstr PUMD09 Dual NPN/PNP SOT363	R210		038-15100-10	Res 0603 10k 1/16w +-1%
C423		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q102		000-10073-04	Xstr IRF7304 Dual P Mfet S08	R303		038-12330-00	Res 0603 33e 1/16w +-5%
C424		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q201		000-10008-47	Xstr SMD BC847B NPN SOT23	R304		038-15100-10	Res 0603 10k 1/16w +-1%
C425		015-27100-10	Cap Cer 0805 1m+-80-20% Y5v 16v	Q301		000-10008-92	Xstr SMD BFS17 NPN SOT23	R305		038-15100-10	Res 0603 10k 1/16w +-1%
C426		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q603		000-10084-71	Xstr BC847BW NPN SOT323	R306		038-14100-00	Res 0603 1k0 1/16w +-5%
C427		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q604		000-10084-71	Xstr BC847BW NPN SOT323	R307		038-13820-00	Res 0603 820e 1/16w +-5%
C428		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q605		000-10084-71	Xstr BC847BW NPN SOT323	R308		038-17100-00	Res 0603 1m 1/16w +-5%
C429		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q606		000-10084-71	Xstr BC847BW NPN SOT323	R401		038-15100-10	Res 0603 10k 1/16w +-1%
C430		018-15100-00	Cap 0603 10n 50v X7r +-10%	Q607		000-10084-71	Xstr BC847BW NPN SOT323	R402		038-15100-10	Res 0603 10k 1/16w +-1%
C501		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	Q608		000-10084-71	Xstr BC847BW NPN SOT323	R408		038-15100-10	Res 0603 10k 1/16w +-1%
C502		015-27100-10	Cap Cer 0805 1m+-80-20% Y5v 16v	Q609		000-10084-71	Xstr BC847BW NPN SOT323	R501		038-15100-10	Res 0603 10k 1/16w +-1%
C503		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	Q610		000-10084-71	Xstr BC847BW NPN SOT323	R601		038-14220-00	Res 0603 2k2 1/16w +-5%
C504		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	Q611		000-10084-71	Xstr BC847BW NPN SOT323	R602		038-14562-10	Res 0603 5k62 16w +-1%
C505		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	Q702		000-10084-62	Xstr BC846S Dual SOT363 NPN	R603		038-14100-00	Res 0603 1k0 1/16w +-5%
C506		018-16100-01	Cap 0603 100n 16v Y5v +-80-20%	Q703		000-10085-71	Xstr SMD BC857BW PNP SOT323	R604		038-12390-00	Res 0603 39e 1/16w +-5%
C601		018-16100-00	Cap 0603 100n 16vX7r+-10%	Q704		000-10008-47	Xstr SMD BC847B NPN SOT23	R605		038-12390-00	Res 0603 39e 1/16w +-5%
C602		018-16100-00	Cap 0603 100n 16vX7r+-10%	R1							

Ref	Var	IPN	Description
R614		038-11470-00	Res 0603 4e7 1/16w +5%
R615		038-12560-00	Res 0603 56e 1/16w +5%
R616		038-12820-00	Res 0603 82e 1/16w +5%
R617		038-11470-00	Res 0603 4e7 1/16w +5%
R618		038-12560-00	Res 0603 56e 1/16w +5%
R619		038-12560-00	Res 0603 56e 1/16w +5%
R620		038-16100-00	Res 0603 100k 1/16w +5%
R621		038-16100-00	Res 0603 100k 1/16w +5%
R622		038-16100-00	Res 0603 100k 1/16w +5%
R623		038-14470-00	Res 0603 4k7 1/16w +5%
R624		038-14470-00	Res 0603 4k7 1/16w +5%
R625		038-14470-00	Res 0603 4k7 1/16w +5%
R626		038-15150-10	Res 0603 15K 1% WDS
R627		038-14100-00	Res 0603 1k0 1/16w +5%
R628		038-15100-10	Res 0603 10k 1/16w +1%
R701		038-13470-00	Res 0603 470e 1/16w +5%
R702		038-15470-00	Res 0603 47k 1/16w +5%
R703		038-15470-00	Res 0603 47k 1/16w +5%
R704		038-15470-00	Res 0603 47k 1/16w +5%
R705		038-14680-10	Res 0603 6k8 1/16w 1%
R706		038-15100-10	Res 0603 10k 1/16w +1%
R707		038-15330-10	Res 0603 33k 1%
R708		038-15470-00	Res 0603 47k 1/16w +5%
R709		038-14220-00	Res 0603 2k2 1/16w +5%
R710		038-14470-00	Res 0603 4k7 1/16w +5%
R711		038-13100-00	Res 0603 100e 1/16w +5%
RV101		040-05601-00	Pot 10k Vert 30mm Shaft 9mm
S201		232-00010-38	Sw Tact Spst SMD Skqdab Pc
U1		002-15973-00	IC L5973A 2A ADJ SW REG S08
U202		002-10370-50	IC TPS3705 3V3 L-Volt Sense
U203		002-10725-15	IC SMD TPS72515 1V5 LDO 1A Reg
U302		002-74910-41	IC SMD 74V1G04 Inverter SC70
U405		002-20012-00	IC FPGA EP1C12 Cyclone BGA256
U406		002-12540-00	IC M25P40 Serial Flash 3V MLP8
U501		002-14016-00	IC SRAM 256X16 70NS 3V BGA48
U502		002-12880-07	IC M28W800 BOT Flash 70NS BGA
U601		002-10832-01	IC T1LV0832 2CH 8BIT 3V ADC S08
U704		002-13740-53	IC 74LV4053 Mux/Demux Tssop16
X301		274-10023-00	Xtal 12.288MHz Hc-49/5m+-30ppm

Ref	PCB	Circuit
C1	1:P1	6C2
C2	1:C5	6C2
C3	1:M4	6E3
C4	1:D6	1F4
C5	1:B6	1C8
C6	2:C3	1D11
C7	1:B4	1A11
C8	1:C5	1D10
C9	1:B5	1B13
C10	1:B6	1B13
C11	1:D2	2F3
C110	1:C3	1F5
C12	1:D6	2F4
C13	1:D5	2F4
C14	1:F5	2G6
C101	1:E3	1F11
C102	1:E4	1F12
C103	1:F3	1F12
C104	1:C4	1F3
C105	1:D3	1F3
C108	2:C3	1B11
C109	1:B4	1C8
C201	1:G6	2F7
C202	1:G6	2F8
C204	1:J5	2C8
C205	1:C1	2G2
C206	1:D5	2G4
C207	1:D5	2G2
C210	1:F5	2G8
C301	1:J5	2B2
C302	1:J5	2B3
C303	1:H4	2A7
C304	1:J5	2B3
C305	1:H4	2B4
C306	1:G4	2B4
C307	1:H4	2C5
C401	1:J2	3C14
C402	1:H3	3K3
C403	1:H3	3K3
C404	1:H1	3E4
C405	1:H1	3E5
C406	1:G5	3C4
C407	1:G2	3C12
C408	1:J2	3C12
C409	1:J2	3C12
C410	1:H1	3C12
C411	1:J2	3C13
C412	1:J2	3C13
C413	1:J3	3C13
C414	1:G3	3C13
C415	1:H3	3C14
C416	1:G2	3C14
C417	1:G2	3C11
C419	1:G1	3K5
C420	1:G1	3K5
C421	1:G1	3K5
C422	1:G3	3K10
C423	1:G3	3K10
C424	1:G2	3K10
C425	1:J3	3E8
C426	1:J3	3E8
C427	1:G3	3E8
C428	1:J1	3E6
C429	1:J2	3E6
C430	1:J3	3E7
C501	1:J5	4C6
C502	1:J2	4A5
C503	1:K2	4A6
C504	1:K1	4A6
C505	1:K2	4A7
C506	1:J2	4A7
C601	1:K4	5B6
C602	1:K4	5B7
C603	1:K5	5C8
C701	1:M3	6D6
C702	1:M4	6D7
C703	1:M3	6C3

Ref	PCB	Circuit
C704	1:M2	6C3
C705	1:M3	6C4
C706	1:N2	6C2
C707	1:N2	6A5
D1	1:D2	2G3
D2	1:B2	3F12
D102	2:A4	1B11 1C11
D104	2:B4	1B11 1C11
D106	2:A4	1B12 1C12
D108	2:B4	1B12 1C12
D201	1:E5	2G5
D203	1:H6	2D8
D301	1:J5	2B3
D602	1:L3	5J5
D604	1:L4	5I4
D605	2:D5	5F11
D606	2:E6	5F11
D607	2:J6	5F10
D608	2:L5	5F10
D609	2:F5	5F11
D610	2:J5	5F10
D611	2:G5	5F11
D612	2:G6	5F11
D613	2:C4	5D5
D614	2:L4	5D6
D615	2:M1	5D7
D616	2:M1	5D8
D617	2:N1	5D9
D618	2:C1	5F11
D620	1:L4	5I4
D702	1:M3	6C2 6D2
D704	1:N2	6C2
D706	1:M4	6E6
D708	1:M2	6C5
E100	1:H3	1J13
E101	1:E5	1J13
E103	1:B4	1D13
E105	1:N6	1F2
E106	1:N6	1F2
E107	1:D3	1H2
E108	1:E4	1F12
E202	1:F6	2G8
E203	1:G5	2F9
E401	1:H3	3K4
E402	1:H1	3E5
F101	1:C1	1H2
J1	2:C5	1K12
J2	1:P1	1B13
J3	2:E2	1A2
J101	2:A3	1C2
J102	1:E2	1G13
J103	1:C4	1G2
J104	1:P6	1F2
J105	1:A5	1D2
J106	2:B5	1C13
J107	1:A3	1J2
L1	1:D1	2G2
L201	1:F5	2G5
NS1	1:C5	1K13
NS2	1:M4	6E2
Q1	1:K4	3K12
Q2	1:L5	5F9 5F7
Q3	1:A1	3E13 3E12
Q102	1:F3	1H11 1G12
Q201	1:D3	2F3
Q301	1:H4	2B4
Q603	1:M5	5E10
Q604	1:L1	5D5
Q605	1:L1	5D6
Q606	1:M1	5D7
Q607	1:M1	5D8
Q608	1:N1	5D9
Q609	1:L5	5E11
Q610	1:B2	5E11
Q611	1:B1	5K10
Q702	1:M4	6D7 6D6
Q703	1:M4	6E6

Ref	PCB	Circuit
Q704	1:M2	6C4
R1	1:J4	4C8
R2	1:D4	1G4
R3	1:D6	1H4
R4	1:G2	1G8
R5	1:G3	1G8
R6	1:H1	1G8
R7	1:H1	1G8
R8	1:G2	1G8
R9	1:B3	1E5
R10	2:C3	1D12
R11	1:K5	5C9
R12	1:G3	3G7
R13	1:K4	3J12
R14	1:J3	3K13
R15	1:K3	3K13
R16	1:D2	2G3
R17	1:D2	2F3
R18	1:D5	2F4
R19	1:J1	4E6
R20	1:G3	1D5
R21	1:B6	1C11
R22	1:B6	1B11
R23	1:A4	1A11
R24	1:B6	1C11
R25	1:C5	1C12
R26	1:B4	1C12
R27	1:B4	5E5
R28	1:L5	5E6
R29	1:M1	5E8
R30	1:M5	5F10
R31	1:A2	3F12
R32	1:B2	3F13
R33	1:A2	3E13
R34	1:B4	5E5
R35	1:L5	5E6
R36	1:M1	5E8
R37	1:H3	3J2
R38	1:G1	3E3
R39	1:G1	3C3
R40	1:G1	3C4
R102	1:D4	1F3
R103	1:C3	1F5
R104	1:D4	1F5
R105	1:B1	1E13
R106	1:A6	1E5
R107	1:A6	1E5
R108	1:B6	1C4
R109	1:C4	1H4
R110	1:B4	1F5
R111	1:C3	1H5
R112	1:D3	1H5
R113	1:C4	1G4
R114	1:C4	1G3
R115	1:D3	1G4
R116	1:C4	1G3
R117	1:C5	1G3
R118	1:D5	1G4
R119	1:B4	1D13
R201	1:J6	2C6
R202	1:H6	2E7
R203	1:H5	2D9
R204	1:H6	2D6
R205	1:E6	2G6
R206	1:D6	2F6
R208	1:E5	2G3
R210	1:G6	2F6
R301	1:J4	2B2
R302	1:J5	2B3
R303	1:H4	2C6
R304	1:G4	2C4
R305	1:G4	2B4
R306	1:H4	2C5
R307	1:G4	2B5
R308	1:H4	2C6
R401	1:H3	3K2
R402	1:H3	3K3

Ref	PCB	Circuit
R408	1:H1	3A5
R501	1:J3	4D7
R601	1:L1	5D4
R602	1:L1	5D4
R603	1:N1	5D4
R604	1:L1	5D5
R605	1:L1	5D6
R606	1:B1	5K6
R607	1:L5	5F8
R608	1:K4	5C6
R609	1:M1	5D7
R610	1:B1	5J8
R611	1:L5	5F9
R612	1:M1	5D8
R613	1:M5	5E9
R614	1:D4	5F11
R615	1:M5	5E10
R616	1:N1	5D9
R617	1:F4	5F11
R618	1:L5	5E11
R619	1:B2	5E11
R620	1:L3	5J6
R621	1:L4	5J7
R622	1:L4	5J8
R623	1:J4	5H5
R624	1:G5	5H5
R625	1:D5	5G5
R626	1:B1	5K9
R627	1:B1	5K9
R628	1:B1	5K10
R701	1:M3	6D2
R702	1:M4	6E7
R703	1:M4	6E7
R704	1:M4	6D7
R705	1:M3	6C3
R706	1:L3	6C4
R707	1:L3	6C3
R708	1:L2	6C3
R709	1:N1	6C1
R710	1:N2	6C2
R711	1:M2	6C5
RV101	2:B2	1D13
S201	1:J6	2C7
S601A	2:K5	5J5
S601B	2:L5	5J6
S602A	2:J5	5J6
S602B	2:J5	5J6
S603A	2:J6	5J7
S603B	2:J6	5J7
S604A	2:G5	5H5
S604B	2:H5	5H6
S605A	2:G6	5H6
S605B	2:H6	5H6
S606A	2:E5	5H7
S606B	2:F5	5H7
S607A	2:E6	5G5
S607B	2:F6	5G6
S608A	2:D5	5G6
S608B	2:D5	5G6
S610	2:C1	5J8
TP1	2:G3	3G7
TP11	2:D3	1H5
TP12	2:D4	1H5
TP13	2:C4	1H5
TP14	2:B4	1H5
TP15	2:C5	1H5
TP16	2:C5	1H6
TP101	2:A6	1J12
TP102	1:M5	1J12
TP501	2:J3	4C7
U1	1:E5	2G5
U202	1:J6	2D7
U203	1:H6	2F8
U302	1:H4	2A7 2C6
U405	1:H2	3H9 3H4 3C9 3D13 3C5
U406	1:G4	3B3

Ref	PCB	Circuit
U501	1:K2	4E5
U502	1:K3	4E7
U503	1:J4	4C5
U601	1:K4	5B8
U704	1:M2	6A5 6C3 6B7 6C4
X301	1:H5	2B4

Parts List

Ref	Var	IPN	Description
C100		018-13150-00	Cap 0603 150p 50v NPO +-5%
C101		018-13150-00	Cap 0603 150p 50v NPO +-5%
C102		018-13150-00	Cap 0603 150p 50v NPO +-5%
C103		015-26100-08	Cap Cer 0805 100n 10% X7r 50v
C114	H5	018-12560-10	Cap 0603 56p 50v NPO +-1%
C114	H6		Not fitted
C201		018-14470-00	Cap 0603 4n7 50v X7r+-10%
C202		015-07470-10	Cap Cer 1206 4u7 47r 16v
C203		018-16100-00	Cap 0603 100n 16vX7r+-10%
C204		018-16100-00	Cap 0603 100n 16vX7r+-10%
C205		018-16100-00	Cap 0603 100n 16vX7r+-10%
C206		018-13680-00	Cap 0603 680p 50v X7r+-10%
C207		015-07220-08	Cap Cer 1206 2u2 16v X7r
C208		018-13680-00	Cap 0603 680p 50v X7r+-10%
C209		018-16100-00	Cap 0603 100n 16vX7r+-10%
C210		018-12680-10	Cap 0603 68p 50v NPO +-1%
C211		018-16100-00	Cap 0603 100n 16vX7r+-10%
C212		014-07470-05	Cap Tant SMD 4u7 16v 10% A
C213		018-16100-00	Cap 0603 100n 16vX7r+-10%
C214		018-16100-00	Cap 0603 100n 16vX7r+-10%
C215		018-16100-00	Cap 0603 100n 16vX7r+-10%
C216		018-16100-00	Cap 0603 100n 16vX7r+-10%
C217		018-16100-00	Cap 0603 100n 16vX7r+-10%
C218		018-14100-00	Cap 0603 1n 50v X7r +-10%
C219		018-16100-00	Cap 0603 100n 16vX7r+-10%
C220		018-16100-00	Cap 0603 100n 16vX7r+-10%
C221		018-16100-00	Cap 0603 100n 16vX7r+-10%
C222		018-13100-10	Cap 0603 100p 50v NPO+-1%
C223		018-16100-00	Cap 0603 100n 16vX7r+-10%
C224		015-27100-10	Cap Cer 0805 1m+80-20% Y5v 16v
C225		018-16100-00	Cap 0603 100n 16vX7r+-10%
C226		018-16100-00	Cap 0603 100n 16vX7r+-10%
C227		018-16100-00	Cap 0603 100n 16vX7r+-10%
C228		015-26100-08	Cap Cer 0805 100n 10% X7r 50v
C300		018-15100-00	Cap 0603 10n 50v X7r +-10%
C301		018-15100-00	Cap 0603 10n 50v X7r +-10%
C302		018-15100-00	Cap 0603 10n 50v X7r +-10%
C303		018-13150-00	Cap 0603 150p 50v NPO +-5%
C304		018-11120-10	Cap 0603 1p2 50v NPO+-0.1p
C305		018-16100-00	Cap 0603 100n 16vX7r+-10%
C306		018-15100-00	Cap 0603 10n 50v X7r +-10%
C307		018-13150-00	Cap 0603 150p 50v NPO +-5%
C308		018-13470-00	Cap 0603 470p 50v X7r+-10%
C309	H5	018-12150-10	Cap 0603 15p 50v NPO +-1%
C309	H6	018-11820-10	Cap 0603 8p2 50v NPO+-0.1p
C310		018-14100-00	Cap 0603 1n 50v X7r +-10%
C311		018-13270-00	Cap 0603 270p 50v NPO+-5%
C312		018-15100-00	Cap 0603 10n 50v X7r +-10%
C313		018-15100-00	Cap 0603 10n 50v X7r +-10%
C314	H5	018-12390-10	Cap 0603 39p 50v NPO +-1%
C314	H6	018-12270-10	Cap 0603 27p 50v NPO +-1%
C315		018-13150-00	Cap 0603 150p 50v NPO +-5%
C316		018-15100-00	Cap 0603 10n 50v X7r +-10%
C317	H5	015-23270-05	Cap 0805 270p 1% 200v Grm40
C317	H6	015-23150-05	Cap 0805 150p 1% 200v Grm40
C318		015-23150-01	Cap Cer 0805 150p 5% NPO 50v
C319		018-12100-10	Cap 0603 10p 50v NPO+-0.1
C320		015-22270-05	Cap Cer 0805 27p+-0.1pf 200v
C321	H5	015-22330-05	Cap Cer 0805 33p+-0.1pf 200v
C321	H6	015-22220-05	Cap 0805 22p 1% 200v
C322		018-14100-00	Cap 0603 1n 50v X7r +-10%
C323		018-16100-00	Cap 0603 100n 16vX7r+-10%
C324		018-13470-00	Cap 0603 470p 50v X7r+-10%
C325		015-26100-08	Cap Cer 0805 100n 10% X7r 50v
C326	H5	015-23220-05	Cap 0805 220p 1% 200v Grm40
C326	H6	015-23150-05	Cap 0805 150p 1% 200v Grm40
C327	H5	015-23220-05	Cap 0805 220p 1% 200v Grm40
C327	H6	015-23150-05	Cap 0805 150p 1% 200v Grm40
C328	H5	015-22390-05	Cap 0805 39p 1% 200v
C328	H6	015-22330-05	Cap Cer 0805 33p+-0.1pf 200v
C329	H5	015-22390-05	Cap 0805 39p 1% 200v
C329	H6	015-22330-05	Cap Cer 0805 33p+-0.1pf 200v
C330		015-26100-08	Cap Cer 0805 100n 10% X7r 50v
C331		015-02680-07	Cap Cer 1111 68p 5% 500v C17cf
C333		015-23150-01	Cap Cer 0805 150p 5% NPO 50v
C334		015-02680-07	Cap Cer 1111 68p 5% 500v C17cf
C335		018-13150-00	Cap 0603 150p 50v NPO +-5%

Ref	Var	IPN	Description
C338		018-13150-00	Cap 0603 150p 50v NPO +-5%
C339		018-13150-00	Cap 0603 150p 50v NPO +-5%
C340		018-14100-00	Cap 0603 1n 50v X7r +-10%
C341		018-13220-00	Cap 0603 220p 50v NPO+-5%
C342		018-13220-00	Cap 0603 220p 50v NPO+-5%
C343		018-13220-00	Cap 0603 220p 50v NPO+-5%
C344		018-13220-00	Cap 0603 220p 50v NPO+-5%
C346		018-13150-00	Cap 0603 150p 50v NPO +-5%
C347		018-13150-00	Cap 0603 150p 50v NPO +-5%
C348		015-23150-05	Cap 0805 150p 1% 200v Grm40
C349		015-23150-05	Cap 0805 150p 1% 200v Grm40
C350		015-23150-05	Cap 0805 150p 1% 200v Grm40
C353		015-21820-05	Cap Cer 0805 8p2+-0.1pf 200v
C354		015-21680-05	Cap Cer 0805 6p8+-0.1pf 200v
C355		015-21820-05	Cap Cer 0805 8p2+-0.1pf 200v
C356		018-13150-00	Cap 0603 150p 50v NPO +-5%
C357		018-13150-00	Cap 0603 150p 50v NPO +-5%
C358		018-12100-10	Cap 0603 10p 50v NPO+-0.1
C359		018-13150-00	Cap 0603 150p 50v NPO +-5%
C360		018-13150-00	Cap 0603 150p 50v NPO +-5%
C361		015-21820-05	Cap Cer 0805 8p2+-0.1pf 200v
C362		015-21680-05	Cap Cer 0805 6p8+-0.1pf 200v
C363		015-21820-05	Cap Cer 0805 8p2+-0.1pf 200v
C364		015-21120-05	Cap Cer 0805 1p2 +-0.1pf 2
C365		018-13150-00	Cap 0603 150p 50v NPO +-5%
C366		015-21120-05	Cap Cer 0805 1p2 +-0.1pf 2
C367	H5	018-11470-10	Cap 0603 4p7 50v NPO+-0.1p
C367	H6	018-11390-10	Cap 0603 3p9 50v NPO+-0.1p
C369		015-21150-05	Cap Cer 0805 1p5 +-0.1pf 200v
C371	H5	018-11820-10	Cap 0603 8p2 50v NPO+-0.1p
C371	H6	018-11600-10	Cap 0603 6p0 50v NPO+-0.1p
C372		015-21180-05	Cap Cer 0805 1p8 +-0.1 200v
C373		015-21180-05	Cap Cer 0805 1p8 +-0.1 200v
C374	H5	015-21180-05	Cap Cer 0805 1p8 +-0.1 200v
C374	H6	015-21220-05	Cap Cer 0805 2p2 +-0.1pf 200v
C375		015-21180-05	Cap Cer 0805 1p8 +-0.1 200v
C376	H5	015-21150-05	Cap Cer 0805 1p5 +-0.1pf 200v
C376	H6	015-21220-05	Cap Cer 0805 2p2 +-0.1pf 200v
C377	H5	015-21120-05	Cap Cer 0805 1p2 +-0.1pf 2
C377	H6		Not fitted
C378	H5	015-21120-05	Cap Cer 0805 1p2 +-0.1pf 2
C378	H6		Not fitted
C379		015-21180-05	Cap Cer 0805 1p8 +-0.1 200v
C380		015-21180-05	Cap Cer 0805 1p8 +-0.1 200v
C381		015-21180-05	Cap Cer 0805 1p8 +-0.1 200v
C382	H5	015-21180-05	Cap Cer 0805 1p8 +-0.1 200v
C382	H6	015-21220-05	Cap Cer 0805 2p2 +-0.1pf 200v
C383	H5	015-21150-05	Cap Cer 0805 1p5 +-0.1pf 200v
C383	H6	015-21220-05	Cap Cer 0805 2p2 +-0.1pf 200v
C384	H5	015-21100-05	Cap Cer 0805 1p0 +-0.1pf 200v
C384	H6		Not fitted
C385		015-21100-05	Cap Cer 0805 1p0 +-0.1pf 200v
C386		015-21100-05	Cap Cer 0805 1p0 +-0.1pf 200v
C387	H5		Not fitted
C387	H6	015-21100-05	Cap Cer 0805 1p0 +-0.1pf 200v
C388		018-14470-00	Cap 0603 4n7 50v X7r+-10%
C389	H5	015-23270-05	Cap 0805 270p 1% 200v Grm40
C389	H6	015-23150-05	Cap 0805 150p 1% 200v Grm40
C390	H5	038-10000-00	Res 0603 Zero Ohm 1/16w +-5%
C390	H6	018-13270-00	Cap 0603 270p 50v NPO+-5%
C391		018-16100-00	Cap 0603 100n 16vX7r+-10%
C392		018-16100-00	Cap 0603 100n 16vX7r+-10%
C393		018-16100-00	Cap 0603 100n 16vX7r+-10%
C394		018-15470-00	Cap 0603 47n 16v X7r+-10%
C395A	H5	015-232180-05	Cap 0805 180p 1% 200v Grm40
C395A	H6	015-22820-05	Cap 0805 82p 1% 200v Grm40
C395D	H5	015-22820-05	Cap 0805 82p 1% 200v Grm40
C395D	H6		Not fitted
C395E	H5		Not fitted
C395E	H6	015-23120-05	Cap 0805 120p 1% 200v Grm40
C396B	H5		Not fitted
C396B	H6	015-22220-05	Cap 0805 22p 1% 200v
C396D	H5	015-22270-05	Cap Cer 0805 27p+-0.1pf 200v
C396D	H6		Not fitted
C396E	H5		Not fitted
C396E	H6	015-22120-05	Cap 0805 12p 1% NPO 200v
C396F	H5	015-22180-05	Cap 0805 18p 1% 200v

Ref	Var	IPN	Description
C396F	H6	015-22120-05	Cap 0805 12p 1% NPO 200v
C396G	H5	015-22180-05	Cap 0805 18p 1% 200v
C396G	H6		Not fitted
C397B	H5		Not fitted
C397B	H6	015-22220-05	Cap 0805 22p 1% 200v
C397D	H5	015-22270-05	Cap Cer 0805 27p+-0.1pf 200v
C397D	H6		Not fitted
C397E	H5		Not fitted
C397E	H6	015-22120-05	Cap 0805 12p 1% NPO 200v
C397F	H5	015-22180-05	Cap 0805 18p 1% 200v
C397F	H6	015-22120-05	Cap 0805 12p 1% NPO 200v
C397G	H5	015-22180-05	Cap 0805 18p 1% 200v
C397G	H6		Not fitted
C398A	H5	015-22150-05	Cap 0805 15p 1% 200v
C398A	H6	015-22100-05	Cap Cer 0805 10p +-0.1pf 200v
C398B	H5	015-22150-05	Cap 0805 15p 1% 200v
C398B	H6	015-22100-05	Cap Cer 0805 10p +-0.1pf 200v
C398C	H5	015-22120-05	Cap 0805 12p 1% NPO 200v
C398C	H6	015-21820-05	Cap Cer 0805 8p2+-0.1pf 200v
C398D	H5	015-22120-05	Cap 0805 12p 1% NPO 200v
C398D	H6	015-21820-05	Cap Cer 0805 8p2+-0.1pf 200v
C398E	H5		Not fitted
C398E	H6	015-21820-05	Cap Cer 0805 8p2+-0.1pf 200v
C398F	H5		Not fitted
C398F	H6	015-21820-05	Cap Cer 0805 8p2+-0.1pf 200v
C399I	H5	015-21470-05	Cap Cer 0805 4p7+-0.1pf 200v
C399I	H6		Not fitted
C399J	H5	015-21560-05	Cap Cer 0805 5p6+-0.1pf 200v
C399J	H6		Not fitted
C399K	H5	015-21470-05	Cap Cer 0805 4p7+-0.1pf 200v
C399K	H6		Not fitted
C399L	H5	015-21470-05	Cap Cer 0805 4p7+-0.1pf 200v
C399L	H6		Not fitted
C399O	H5		Not fitted
C399O	H6	015-21330-05	Cap Cer 0805 3p3+-0.1pf 200v
C399P	H5		Not fitted
C399P	H6	015-21330-05	Cap Cer 0805 3p3+-0.1pf 200v
C399Q	H5		Not fitted
C399Q	H6	015-21270-05	Cap Cer 0805 2p7 +-0.1pf 200v
C399R	H5		Not fitted
C399R	H6	015-21270-05	Cap Cer 0805 2p7 +-0.1pf 200v
C400	H5	018-11560-10	Cap 0603 5p6 50v NPO+-0.1p
C400	H6	018-11470-10	Cap 0603 4p7 50v NPO+-0.1p
C401	H5	018-11470-10	Cap 0603 4p7 50v NPO+-0.1p
C401	H6	018-11330-10	Cap 0603 3p3 50v NPO+-0.1p
C402		018-11330-10	Cap 0603 3p3 50v NPO+-0.1p
C403	H5	018-12390-10	Cap 0603 39p 50v NPO +-1%
C403	H6	018-12270-10	Cap 0603 27p 50v NPO +-1%
C404		018-15100-00	Cap 0603 10n 50v X7r +-10%
C405	H5	018-11560-10	Cap 0603 5p6 50v NPO+-0.1p
C405	H6	018-11470-10	Cap 0603 4p7 50v NPO+-0.1p
C406	H5	018-11330-10	Cap 0603 3p3 50v NPO+-0.1p
C406	H6	018-11120-10	Cap 0603 1p2 50v NPO+-0.1p
C408		018-12100-10	Cap 0603 10p 50v NPO+-0.1
C409		018-15100-00	Cap 0603 10n 50v X7r +-10%
C410		018-16100-00	Cap 0603 100n 16vX7r+-10%
C411		018-15100-00	Cap 0603 10n 50v X7r +-10%
C412		018-16100-00	Cap 0603 100n 16vX7r+-10%
C413		018	

Parts List

PCB IPN 220-01697-05

Ref	Var	IPN	Description	Ref	Var	IPN	Description	Ref	Var	IPN	Description	Ref	Var	IPN	Description
C429	H6	018-12270-10	Cap 0603 27p 50v NPO +1%	C529		018-16100-00	Cap 0603 100n 16vx7r+-10%	C605		015-26100-08	Cap Cer 0805 100n 10% X7r 50v	D502		001-10005-35	Diode SMD BB535 Vcap SOD323
C430		018-16100-00	Cap 0603 100n 16vx7r+-10%	C530		018-15100-00	Cap 0603 100n 50v X7r +-10%	C606		015-26100-08	Cap Cer 0805 100n 10% X7r 50v	D503		001-10099-01	Diode BA10999-01
C431		018-16100-00	Cap 0603 100n 16vx7r+-10%	C531		015-07470-08	Cap 1206 4u7 -20%+80% Y5v 16v	C608		018-15100-00	Cap 0603 10n 50v X7r +-10%	D504		001-10005-35	Diode SMD BB535 Vcap SOD323
C432	H5	018-11330-10	Cap 0603 3p3 50v NPO+-0.1p	C532		018-12330-10	Cap 0603 33p 50v NPO +-1%	C609		018-16100-00	Cap 0603 100n 16vx7r+-10%	D505		001-10005-35	Diode SMD BB535 Vcap SOD323
C432	H6	018-11120-10	Cap 0603 1p2 50v NPO+-0.1p	C533		018-16100-00	Cap 0603 100n 16vx7r+-10%	C610		018-16100-00	Cap 0603 100n 16vx7r+-10%	D506		001-10005-35	Diode SMD BB535 Vcap SOD323
C433	H5	018-11180-10	Cap 0603 1p8 50v NPO+-0.1p	C534		018-13330-00	Cap 0603 330p 50v X7r+-10%	C611		014-07470-05	Cap Tant SMD 4u7 16v 10% A	D507		001-10005-35	Diode SMD BB535 Vcap SOD323
C433	H6	018-11220-10	Cap 0603 2p2 50v NPO+-0.1p	C535		018-16100-00	Cap 0603 100n 16vx7r+-10%	C613		014-08100-30	Cap Tant SMD 100u 10v Loesr D	D508		001-10005-35	Diode SMD BB535 Vcap SOD323
C434		018-15100-00	Cap 0603 10n 50v X7r +-10%	C536		018-15100-00	Cap 0603 10n 50v X7r +-10%	C614		018-16100-00	Cap 0603 100n 16vx7r+-10%	D509		001-10005-35	Diode SMD BB535 Vcap SOD323
C435	H5	018-12390-10	Cap 0603 39p 50v NPO +-1%	C537		018-14100-00	Cap 0603 1n 50v X7r +-10%	C615		018-16100-00	Cap 0603 100n 16vx7r+-10%	D510	H5	001-10005-35	Diode SMD BB535 Vcap SOD323
C435	H6	018-12270-10	Cap 0603 27p 50v NPO +-1%	C538		018-16100-00	Cap 0603 100n 16vx7r+-10%	C616		015-07220-08	Cap Cer 1206 2u2 16v X7r	D510	H6	Not fitted	
C436		018-11470-10	Cap 0603 4p7 50v NPO+-0.1p	C539		018-16100-00	Cap 0603 100n 16vx7r+-10%	C617		015-07220-08	Cap Cer 1206 2u2 16v X7r	D511	H5	001-10005-35	Diode SMD BB535 Vcap SOD323
C437	H5	018-11330-10	Cap 0603 3p3 50v NPO+-0.1p	C540		018-16100-00	Cap 0603 100n 16vx7r+-10%	C618		018-16100-00	Cap 0603 100n 16vx7r+-10%	D511	H6	Not fitted	
C437	H6	018-11120-10	Cap 0603 1p2 50v NPO+-0.1p	C541		018-15100-00	Cap 0603 10n 50v X7r +-10%	C619		018-16100-00	Cap 0603 100n 16vx7r+-10%	D600		001-10153-00	Diode SMD SM15T30a TranSil Smc
C438		018-11330-10	Cap 0603 3p3 50v NPO+-0.1p	C542		018-16100-00	Cap 0603 100n 16vx7r+-10%	C620		018-15100-00	Cap 0603 10n 50v X7r +-10%	D601		001-10070-01	Diode BA70W Dual Ss SOT323
C439	H5	018-11470-10	Cap 0603 4p7 50v NPO+-0.1p	C543		018-16100-00	Cap 0603 100n 16vx7r+-10%	C621		018-16100-00	Cap 0603 100n 16vx7r+-10%	D602		001-10054-02	Diode SMD BAT54AW SOT-323
C439	H6	018-11330-10	Cap 0603 3p3 50v NPO+-0.1p	C544		014-07100-02	Cap Tant SMD 1u0 16v 20% A	C622		018-16100-00	Cap 0603 100n 16vx7r+-10%	D603		001-10070-01	Diode BA70W Dual Ss SOT323
C440		018-15100-00	Cap 0603 10n 50v X7r +-10%	C545	H5	018-11470-10	Cap 0603 4p7 50v NPO+-0.1p	C623		014-07470-10	Cap Tant SMD 4U7 10V 10% 0603	D604		001-10070-01	Diode BA70W Dual Ss SOT323
C441	H5	018-11560-10	Cap 0603 5p6 50v NPO+-0.1p	C545	H6	018-12100-10	Cap 0603 10p 50v NPO+-0.1p	C700		018-13100-10	Cap 0603 100p 50v NPO+-1%	D606		001-10014-03	Diode SMD MBRS140T3 Sch
C441	H6	018-11390-10	Cap 0603 3p9 50v NPO+-0.1p	C546		018-16100-00	Cap 0603 100n 16vx7r+-10%	C701		018-13100-10	Cap 0603 100p 50v NPO+-1%	D700		001-10099-01	Diode BA99w Dual Ss
C442		018-12100-10	Cap 0603 10p 50v NPO+-0.1p	C547		018-13150-00	Cap 0603 150p 50v NPO+-5%	C702		018-13100-10	Cap 0603 100p 50v NPO+-1%	D701		001-10099-01	Diode BA99w Dual Ss
C443		018-12100-10	Cap 0603 10p 50v NPO+-0.1p	C548	H5	013-16180-65	Cap SMD PPS 180n 50v 5% 4036	C703		018-13100-10	Cap 0603 100p 50v NPO+-1%	D702		001-10099-01	Diode BA99w Dual Ss
C444		018-15100-00	Cap 0603 10n 50v X7r +-10%	C548	H6	013-16150-65	Cap Smd PPS 150n 50v 5% 4036	C704		018-14100-00	Cap 0603 1n 50v X7r +-10%	D703		001-10070-01	Diode BA99w Dual Ss SOT323
C445		018-15100-00	Cap 0603 10n 50v X7r +-10%	C549	H5	018-11270-10	Cap 0603 2p7 50v NPO+-0.1p	C705		018-14100-00	Cap 0603 1n 50v X7r +-10%	D704		001-10084-33	Diode SMD BZX84C3V3 Zen SOT32
C446		018-15100-00	Cap 0603 10n 50v X7r +-10%	C549	H6	018-11220-10	Cap 0603 2p2 50v NPO+-0.1p	C706		018-15100-00	Cap 0603 10n 50v X7r +-10%	D705		001-10070-01	Diode BA99w Dual Ss SOT323
C448		018-13100-10	Cap 0603 100p 50v NPO+-1%	C550		015-07470-10	Cap Cer 1206 4u7 X7r 16v	C707		018-16100-00	Cap 0603 100n 16vx7r+-10%	D706		001-10070-01	Diode BA99w Dual Ss SOT323
C449		018-15100-00	Cap 0603 10n 50v X7r +-10%	C551		018-13150-00	Cap 0603 150p 50v NPO +-5%	C708		018-13150-00	Cap 0603 10n 50v X7r +-10%	D707		001-10070-01	Diode BA99w Dual Ss SOT323
C450		018-13100-10	Cap 0603 100p 50v NPO+-1%	C552		018-16100-00	Cap 0603 100n 16vx7r+-10%	C709		018-15100-00	Cap 0603 10n 50v X7r +-10%	D708		001-10070-01	Diode BA99w Dual Ss SOT323
C451		018-11820-10	Cap 0603 8p2 50v NPO+-0.1p	C553		018-13150-00	Cap 0603 150p 50v NPO+-5%	C710		018-13470-00	Cap 0603 470p 50v X7r+-10%	D709		001-10099-01	Diode BA99w Dual Ss
C452		018-16100-00	Cap 0603 100n 16vx7r+-10%	C554	H5	018-11470-10	Cap 0603 4p7 50v NPO+-0.1p	C711		018-13470-00	Cap 0603 470p 50v X7r+-10%	D710		001-10070-01	Diode BA99w Dual Ss SOT323
C454		018-16100-00	Cap 0603 100n 16vx7r+-10%	C554	H6	018-11390-10	Cap 0603 3p9 50v NPO+-0.1p	C712		018-13470-00	Cap 0603 470p 50v X7r+-10%	D711		001-10070-01	Diode BA99w Dual Ss SOT323
C455		018-15100-00	Cap 0603 10n 50v X7r +-10%	C555		018-14680-00	Cap 0603 6M8 50v X7r +-10%	C713		018-13470-00	Cap 0603 470p 50v X7r+-10%	D712		001-10099-01	Diode BA99w Dual Ss
C456		018-12220-10	Cap 0603 22p 50v NPO+-0.1	C556		018-13150-00	Cap 0603 150p 50v NPO +-5%	C714		018-16100-00	Cap 0603 100n 16vx7r+-10%	D713		001-10099-01	Diode BA99w Dual Ss
C457		018-16100-00	Cap 0603 100n 16vx7r+-10%	C557	H5	018-11120-10	Cap 0603 1p2 50v NPO+-0.1p	C715		015-26100-08	Cap Cer 0805 100n 10% X7r 50v	D714		001-10099-01	Diode BA99w Dual Ss
C458		018-16100-00	Cap 0603 100n 16vx7r+-10%	C557	H6	018-11050-10	Cap 0603 0p5 50v NPO +-0.1p	C717		018-16100-00	Cap 0603 100n 16vx7r+-10%	D715		001-10070-01	Diode BA99w Dual Ss SOT323
C459		018-16100-00	Cap 0603 100n 16vx7r+-10%	C558		018-13150-00	Cap 0603 150p 50v NPO +-5%	C718		018-16100-00	Cap 0603 100n 16vx7r+-10%	D716		001-10099-01	Diode BA99w Dual Ss
C460		018-16100-00	Cap 0603 100n 16vx7r+-10%	C559		018-13150-00	Cap 0603 150p 50v NPO +-5%	C719		018-15100-00	Cap 0603 10n 50v X7r +-10%	D717		001-10099-01	Diode BA99w Dual Ss
C461		018-15100-00	Cap 0603 10n 50v X7r +-10%	C560	H5	018-11180-10	Cap 0603 1p8 50v NPO+-0.1p	C720		018-15100-00	Cap 0603 10n 50v X7r +-10%	D718		001-10099-01	Diode BA99w Dual Ss
C462		018-11100-10	Cap 0603 1p0 50v NPO+-0.1p	C560	H6	018-11120-10	Cap 0603 1p2 50v NPO+-0.1p	C721		018-15100-00	Cap 0603 10n 50v X7r +-10%	D719		001-10099-01	Diode BA99w Dual Ss
C463		018-16100-00	Cap 0603 100n 16vx7r+-10%	C561		018-15100-00	Cap 0603 10n 50v X7r +-10%	C722		018-16100-00	Cap 0603 100n 16vx7r+-10%	D720		001-10099-01	Diode BA99w Dual Ss
C464		018-13150-00	Cap 0603 150p 50v NPO +-5%	C562		018-13150-00	Cap 0603 150p 50v NPO +-5%	C723		018-13470-00	Cap 0603 470p 50v X7r+-10%	D721		001-10084-62	Diode SMD BZX84C6V2 Zen SOT32
C465		018-13150-00	Cap 0603 150p 50v NPO +-5%	C563		018-11680-10	Cap 0603 6P8 50v NPO+-0.1p	C724		018-13470-00	Cap 0603 470p 50v X7r+-10%	D722		001-10099-01	Diode BA99w Dual Ss
C466		018-13270-00	Cap 0603 270p 50v NPO+-0.1p	C564		018-11560-10	Cap 0603 5p6 50v NPO+-0.1p	C725		018-13470-00	Cap 0603 470p 50v X7r+-10%	D723		001-10099-01	Diode BA99w Dual Ss
C467		018-11100-10	Cap 0603 1p0 50v NPO+-0.1p	C565		013-16100-05	Cap SMD PPS 100n 16v 5% 1210	C726		018-13470-00	Cap 0603 470p 50v X7r+-10%	D724		001-10084-33	Diode SMD BZX84C3V3 Zen SOT32
C468		018-12220-10	Cap 0603 22p 50v NPO+-0.1	C566		018-13150-00	Cap 0603 150p 50v NPO +-5%	C727		018-13470-00	Cap 0603 470p 50v X7r+-10%	D725		001-10070-01	Diode BA99w Dual Ss SOT323
C469		018-11270-10	Cap 0603 2p7 50v NPO+-0.1p	C567		018-13150-00	Cap 0603 150p 50v NPO +-5%	C728		018-13470-00	Cap 0603 470p 50v X7r+-10%	D726		001-10099-01	Diode BA99w Dual Ss
C470		018-16100-00	Cap 0603 100n 16vx7r+-10%	C568		018-13150-00	Cap 0603 150p 50v NPO +-5%	C729		018-13470-00	Cap 0603 470p 50v X7r+-10%	DIG_BCAN		319-01258-00	Shld Can Dglt TMA
C471		018-15100-00	Cap 0603 10n 50v X7r +-10%	C569		018-13150-00	Cap 0603 150p 50v NPO +-5%	C730		018-13470-00	Cap 0603 470p 50v X7r+-10%	DIG_TCAN		319-01258-00	Shld Can Dglt TMA
C472		018-16100-00	Cap 0603 100n 16vx7r+-10%	C570		018-13150-00	Cap 0603 150p 50v NPO +-5%	C731		018-13470-00	Cap 0603 470p 50v X7r+-10%	DIRC_TOP		319-01255-00	Shld Can Dirc-Coup TMA
C473		018-16100-00	Cap 0603 100n 16vx7r+-10%	C571	H5	018-15100-00	Cap 0603 10n 50v X7r +-10%	C732		018-13470-00	Cap 0603 470p 50v X7r+-10%	FCL_TOP		319-01257-00	Shld Can Frt End TMA
C474		018-16100-00	Cap 0603 100n 16vx7r+-10%	C571	H6	018-14470-00	Cap 0603 4p7 50v X7r+-10%	C733		015-26100-08	Cap Cer 0805 100n 10% X7r 50v	FE_TOP		319-01257-00	Shld Can Frt End TMA
C500		018-15470-00	Cap 0603 47n 16v X7r+-10%	C572	H5	018-11680-10	Cap 0603 6P8 50v NPO+-0.1p	C3003		016-08100-03	Cap Elec SMD 10uF 35V 105/2000	H5_BAND	H5	036-12100-10	Res M/F SMD 0805 10e 1%
C501		018-16100-00	Cap 0603 100n 16vx7r+-10%	C572	H6	018-11470-10	Cap 0603 4p7 50v NPO+-0.1p	C5000	H5	Not fitted		H6_BAND	H6	036-12100-10	Res M/F SMD 0805 10e 1%
C502		018-16100-00	Cap 0603 100n 16vx7r+-10%	C573		018-11560-10	Cap 0603 5p6 50v NPO+-0.1p	C5000	H6	018-11330-10	Cap 0603 3p3 50v NPO+-0.1p	HS300		316-85137-01	Plate Copper Heat TMA
C503		018-16100-00	Cap 0603 100n 16vx7r+-10%	C574		018-15100-00	Cap 0603 10n 50v X7r +-10%	C5001	H5	018-11270-10	Cap 0603 2p7 50v NPO+-0.1p	IC200	8100	Not fitted	
C504		014-07470-05	Cap Tant SMD 4u7 16v 10% A	C575	H5	018-11120-10	Cap 0603 1p2 50v NPO+-0.1p	C5001	H6	018-11120-10	Cap 0603 1p2 50v NPO+-0.1p	IC200	8200	To be defined	
C505		015-27100-10	Cap Cer 0805 1m+80-20% Y5v 16v	C575	H6	018-11150-10	Cap 0603 1p5 50v NPO+-0.1p	C5004	H5	018-11180-10	Cap 0603 1p8 50v NPO+-0.1p	IC201		002-20103-24	IC BA10324 4x Op Amp Ssop-14
C506		018-16100-00	Cap 0603 100n 16vx7r+-10%	C576		018-13150-00	Cap 0603 150p 50v NPO +-5%	C5004	H6	018-11100-10	Cap 0603 1p0 50v NPO+-0.1p	IC20			

Parts List

PCB IPN 220-01697-05

Ref	Var	IPN	Description	Ref	Var	IPN	Description	Ref	Var	IPN	Description	Ref	Var	IPN	Description
IF_TOP		319-01256-00	Shld Can If TMA	LK5		036-10000-00	Res M/F SMD 0805 0e 0.125w	R203		038-15470-10	Res 0603 47k 1/16w+-1%	R323		038-16100-10	Res 0603 100k 1/16w +1%
L100		057-10010-20	Ind 0603 Blm11-B102s 0.1a	LO2_BOT		319-01210-00	Shld Low Pass Fltr T/Orra	R204		038-15470-10	Res 0603 47k 1/16w+-1%	R324		038-17100-00	Res 0603 1m 1/16w +5%
L101		057-10010-20	Ind 0603 Blm11-B102s 0.1a	LPF_TOP		319-01251-00	Shld Can Lpf TMA	R205		038-14560-00	Res 0603 5k6 1/16w +5%	R326		038-14100-10	Res 0603 1k0 1/16w +1%
L102		057-10010-20	Ind 0603 Blm11-B102s 0.1a	MCM1			MCM Postage Stamp PBA TMAB1	R206		038-14330-00	Res 0603 3k3 1/16w +5%	R327		038-15100-10	Res 0603 10k 1/16w +1%
L104		057-10081-06	Ind 1806 Blm41p750s Emi Supr	MCM1	8100	XMAPB10	Proto TMA MCM Postage Stamp PBA	R207		038-14120-10	Res 0603 1K2 1%	R328		036-11330-00	Res M/F SMD 0805 3e3 5%
L200		057-10010-20	Ind 0603 Blm11-B102s 0.1a	PAD_TOP		319-01254-00	Shld Can Paf TMA	R208		038-14120-10	Res 0603 1K2 1%	R329		036-11330-00	Res M/F SMD 0805 3e3 5%
L300		059-16270-00	Ind SMD 0603cs 270nh 5%	PAF_TOP		319-01253-00	Shld Can Paf TMA	R209		038-14150-00	Res 0603 1k5 1/16w +5%	R330		038-11470-00	Res 0603 4e7 1/16w +5%
L302		059-74680-35	Ind SMD 0603 6.8nh 5% Swi C	PCB		220-01697-05	Pcb UHF 400-530m Mn Brd TMA	R210		038-15470-10	Res 0603 47k 1/16w+-1%	R331		038-16100-10	Res 0603 100k 1/16w +1%
L303		052-57423-70	Coil A/W SMD 7u/2.3mm .57mm	PIN_TOP		319-01252-00	Shld Can Pin Sw TMA	R211	H5	038-15100-10	Res 0603 10k 1/16w+-1%	R332		038-14100-10	Res 0603 1k0 1/16w +1%
L306		057-10081-06	Ind 1806 Blm41p750s Emi Supr	PL100		240-00027-00	Conn 4way Power Male TMA	R211	H6	038-15100-00	Res 0603 10k 1/16w +5%	R333		038-10000-00	Res 0603 Zero Ohm 1/16w +5%
L310		065-10009-20	Bead Fer SMD Bds3/8.9-4s2	PL103			Refer to SK102	R212		038-14470-00	Res 0603 4k7 1/16w +5%	R334		038-14100-10	Res 0603 1k0 1/16w +1%
L311		052-57423-70	Coil A/W SMD 7u/2.3mm .57mm	Q200		000-10084-72	Xstr BC847BS NPN Dual SOT363	R213		038-10000-00	Res 0603 Zero Ohm 1/16w +5%	R335		038-11470-00	Res 0603 4e7 1/16w +5%
L315		152-57440-90	Coil A/W SMDp 9t/4.0mm .57mm	Q201		000-10085-71	Xstr SMD BC857BW PNP SOT323	R214		038-10000-00	Res 0603 Zero Ohm 1/16w +5%	R336		038-15100-10	Res 0603 4e7 1/16w +1%
L316		059-16120-00	Ind SMD 0603hs 120nh 5%	Q300		000-10951-00	Xstr SMD PBR951 NPN SOT23	R215		038-10000-00	Res 0603 Zero Ohm 1/16w +5%	R337		038-11470-00	Res 0603 4e7 1/16w +5%
L317		152-12533-30	Coil A/W SMDp 3t/3.3mm 1.25mm	Q301		000-10084-71	Xstr BC847BW NPN SOT323	R216		038-14470-00	Res 0603 4k7 1/16w +5%	R338		036-12100-10	Res M/F SMD 0805 10e 1%
L319	H5	152-12525-30	Coil A/W SMDp 3t/2.5mm 1.25mm	Q302		000-10084-73	Xstr BC847BPNNPN/PNP SOT363	R217		038-15150-00	Res 0603 15k 1/16w +5%	R339		038-14470-00	Res 0603 4k7 1/16w +5%
L319	H6	152-12523-30	Coil A/W SMDp 3t/2.3mm 1.25mm	Q303		000-10748-90	Xstr SGA7489 Casc Gain Block	R218		038-15150-00	Res 0603 15k 1/16w +5%	R340		038-14330-00	Res 0603 3k3 1/16w +5%
L320	H5	152-12520-30	Coil A/W SMDp 3t/2.0mm 1.25mm	Q304		000-10084-71	Xstr BC847BW NPN SOT323	R219	H5	038-15100-10	Res 0603 10k 1/16w +1%	R341		038-14330-00	Res 0603 3k3 1/16w +5%
L320	H6	152-12521-30	Coil A/W SMDp 3t/2.1mm 1.25mm	Q305		000-10084-71	Xstr BC847BW NPN SOT323	R219	H6	038-15100-00	Res 0603 10k 1/16w +5%	R342		038-17221-10	Res 0603 2m21 16w +1%
L321	H5	152-12525-30	Coil A/W SMDp 3t/2.5mm 1.25mm	Q306		000-10055-03	Xstr PDS5003 3w 12.5v SO10 RF	R220	H5	038-15100-10	Res 0603 10k 1/16w+-1%	R343		036-11470-00	Res M/F SMD 0805 4e7 5%
L321	H6	152-12523-30	Coil A/W SMDp 3t/2.3mm 1.25mm	Q307		000-10084-71	Xstr BC847BW NPN SOT323	R220	H6	038-15100-00	Res 0603 10k 1/16w +5%	R345		038-10000-00	Res 0603 Zero Ohm 1/16w +5%
L322		059-15220-00	Ind SMD 0603hs 22nh 5%	Q308		000-10084-71	Xstr BC847BW NPN SOT323	R221		038-16180-00	Res 0603 180k 1/16w +5%	R346		038-14220-00	Res 0603 2k2 1/16w +5%
L400		057-00015-00	Ind Fxd 15nh +-5% 1206 Mur	Q309		000-10055-15	Xstr PDS50155 15w 12.5v SO10RF	R222		038-16100-10	Res 0603 100k 1/16w +1%	R347		038-16100-10	Res 0603 100k 1/16w +1%
L401		057-10010-20	Ind 0603 Blm11-B102s 0.1a	Q310		000-10055-15	Xstr PDS50155 15w 12.5v SO10RF	R223		038-10000-00	Res 0603 3k9 1%	R348		036-01470-03	Res 1218 4e7 5% 1w PRC201
L402		059-75180-55	Ind SMD 0805 18nh 5% Swi C	Q311		000-10442-70	Xstr SI4427DY PCH Pwr MFET SO8	R224		038-15150-00	Res 0603 15k 1/16w +5%	R350		038-14470-00	Res 0603 4k7 1/16w +5%
L403		059-17180-10	Ind SMD 1008cs 1.8uh 5%	Q312		000-10084-71	Xstr BC847BW NPN SOT323	R225		038-12470-00	Res 0603 47k 1/16w +5%	R351		038-01470-03	Res 1218 4e7 5% 1w PRC201
L404		057-10010-20	Ind 0603 Blm11-B102s 0.1a	Q313		000-10084-71	Xstr BC847BW NPN SOT323	R226		038-14220-00	Res 0603 2k2 1/16w +5%	R353		038-16100-10	Res 0603 100k 1/16w +1%
L405		057-10010-20	Ind 0603 Blm11-B102s 0.1a	Q400		000-10085-70	Xstr BC856 PNP Dual SOT363	R227		038-14220-00	Res 0603 2k2 1/16w +5%	R354		038-12470-00	Res 0603 47k 1/16w +5%
L406		059-76120-85	Ind SMD 1008 120nh 5% Swi C	Q401		000-10036-00	Xstr SMD BFR360F NPN Lo Noise	R228	H5	038-15100-10	Res 0603 10k 1/16w+-1%	R355		036-03110-10	Res 2512 10r 5% 1w
L407		057-00015-00	Ind Fxd 15nh +-5% 1206 Mur	Q402		000-10084-71	Xstr BC847BW NPN SOT323	R228	H6	038-15100-00	Res 0603 10k 1/16w +5%	R356		038-12470-00	Res 0603 47k 1/16w +5%
L408		057-10010-20	Ind 0603 Blm11-B102s 0.1a	Q403		000-10001-71	Xstr RF BFS17W NPN SOT323UHF	R229		038-15470-10	Res 0603 47k 1/16w+-1%	R357	H5	038-15100-10	Res 0603 10k 1/16w +1%
L409		057-00015-00	Ind Fxd 15nh +-5% 1206 Mur	Q404		000-10036-00	Xstr SMD BFR360F NPN Lo Noise	R230		038-1470-10	Res 0603 47k 1/16w+-1%	R357	H6	038-15100-00	Res 0603 10k 1/16w +5%
L411		056-76820-50	Ind SMD 0805 820nh 10% Ebl	Q500		000-10085-71	Xstr SMD BC857BW PNP SOT323	R231		038-14120-10	Res 0603 1K2 1%	R360		038-16820-00	Res 0603 820k 1/16w +5%
L412		056-76820-50	Ind SMD 0805 820nh 10% Ebl	Q501		000-10001-71	Xstr RF BFS17W NPN SOT323UHF	R232		038-15470-10	Res 0603 47k 1/16w+-1%	R361		038-16820-00	Res 0603 820k 1/16w +5%
L414		057-10010-20	Ind 0603 Blm11-B102s 0.1a	Q502		000-10084-71	Xstr BC847BW NPN SOT323	R233		038-15470-10	Res 0603 47k 1/16w+-1%	R362		038-16820-00	Res 0603 820k 1/16w +5%
L415		059-76560-85	Ind SMD 1008 560nh 5% Swi C	Q503		000-10001-71	Xstr RF BFS17W NPN SOT323UHF	R234		038-15470-10	Res 0603 47k 1/16w+-1%	R363		038-16820-00	Res 0603 820k 1/16w +5%
L417		059-76560-85	Ind SMD 1008 560nh 5% Swi C	Q504		000-10941-00	Xstr SMD PBR941 NPN SOT23	R235		038-15470-10	Res 0603 47k 1/16w+-1%	R364		038-15330-10	Res 0603 33k 1%
L419		057-10010-20	Ind 0603 Blm11-B102s 0.1a	Q505		000-10084-71	Xstr BC847BW NPN SOT323	R236		038-14100-10	Res 0603 1k0 1/16w +1%	R365		038-15100-10	Res 0603 10k 1/16w +1%
L500		059-17470-15	Ind SMD 1008cs 4.7uh 2%	Q506		000-10085-70	Xstr BC856 PNP Dual SOT363	R238		038-14120-10	Res 0603 12k 1/16w +5%	R366		038-17100-00	Res 0603 1m 1/16w +5%
L5000	H5	059-15390-00	Ind SMD 0603hs 39nh 5%	Q507		000-10084-72	Xstr BC847BS NPN Dual SOT363	R239		038-16100-10	Res 0603 100k 1/16w +1%	R367		038-17100-00	Res 0603 1m 1/16w +5%
L5000	H6	059-15470-00	Ind SMD 0603hs 47nh 5%	Q508		000-10084-72	Xstr BC847BS NPN Dual SOT363	R240		038-16120-10	Res 0603 120k 1/16w +5%	R368		038-16470-00	Res 0603 47k 1/16w +5%
L5001		059-16270-00	Ind SMD 0603cs 270nh 5%	Q510		000-10941-00	Xstr SMD PBR941 NPN SOT23	R241		038-14470-00	Res 0603 4k7 1/16w +5%	R369		038-16470-00	Res 0603 470k 1/16w +5%
L5002		059-16270-00	Ind SMD 0603cs 270nh 5%	Q511		000-10084-73	Xstr BC847BPNNPN/PNP SOT363	R242		038-14100-10	Res 0603 1k0 1/16w +1%	R370		038-16120-10	Res 0603 120k 1%
L5003		059-15390-00	Ind SMD 0603hs 39nh 5%	Q512		000-10084-71	Xstr BC847BW NPN SOT323	R243	H5	038-15100-10	Res 0603 10k 1/16w+-1%	R371		038-16120-10	Res 0603 120k 1%
L501		159-77220-35	Ind SMD 0603 2.2uh 10% Smi F	Q600		000-10085-71	Xstr SMD BC857BW PNP SOT323	R243	H6	038-15100-00	Res 0603 10k 1/16w +5%	R372		038-15470-10	Res 0603 47k 1/16w+-1%
L502		050-10000-40	Coil SMD DC/DC Convrt	Q601		000-10084-71	Xstr BC847BW NPN SOT323	R245		038-15100-10	Res 0603 10k 1/16w +1%	R373	H5	038-15100-10	Res 0603 10k 1/16w +1%
L503		059-17470-15	Ind SMD 1008cs 4.7uh 2%	Q602		000-10084-71	Xstr BC847BW NPN SOT323	R246	H5	038-15100-10	Res 0603 10k 1/16w +1%	R374	H6	038-15100-00	Res 0603 10k 1/16w +5%
L504		059-17470-15	Ind SMD 1008cs 4.7uh 2%	Q603		000-10002-05	Xstr SMD BSH205 P Mos SOT23	R246	H6	038-15100-00	Res 0603 10k 1/16w +5%	R374		038-15470-10	Res 0603 47k 1/16w +1%
L505		059-17820-10	Ind SMD 1008hs 8.2uh 5%	Q604		000-10084-71	Xstr BC847BW NPN SOT323	R247	H5	038-15100-10	Res 0603 10k 1/16w +1%	R375		038-15220-00	Res 0603 22k 1/16w +5%
L506		057-10010-20	Ind 0603 Blm11-B102s 0.1a	Q605		000-10002-05	Xstr SMD BSH205 P Mos SOT23	R247	H6	038-15100-00	Res 0603 10k 1/16w +5%	R376		038-15470-10	Res 0603 47k 1/16w +1%
L507		059-15150-00	Ind SMD 0603cs 15nh 5%	Q700		000-10085-71	Xstr SMD BC857BW PNP SOT323	R249		038-10000-00	Res 0603 Zero Ohm 1/16w +5%	R377		038-15100-10	Res 0603 10k 1/16w +1%
L509		059-16330-05	Ind SMD 0805cs 330nh 5%	Q701		000-10084-73	Xstr BC847BPNNPN/PNP SOT363	R250		038-16100-10	Res 0603 100k 1/16w +1%	R378		038-15470-10	Res 0603 47k 1/16w +1%
L510	H5	052-57423-40	Coil A/W SMD 4t/2.3mm .57mm	Q702		000-10084-71	Xstr BC847BW NPN SOT323	R251		038-10000-00	Res 0603 Zero Ohm 1/16w +5%	R379		038-14680-00	Res 0603 68k 1/16w +5%
L510	H6	052-57419-40	Coil A/W SMD 4t/1.9mm .57mm	Q703		000-10084-73	Xstr BC847BPNNPN/PNP SOT363								

Ref	Var	IPN	Description	Ref	Var	IPN	Description	Ref	Var	IPN	Description	Ref	Var	IPN	Description
R410		038-12220-00	Res 0603 22e 1/16w +5%	R545		038-15180-00	Res 0603 18k 1/16w	R706		038-15470-10	Res 0603 47k 1/16w+-1%	R792		038-13220-00	Res 0603 220e 1/16w +5%
R411		038-12820-00	Res 0603 82e 1/16w +5%	R546		038-15180-00	Res 0603 18k 1/16w	R707		038-14470-00	Res 0603 47k 1/16w +5%	R3000		038-10000-00	Res 0603 Zero Ohm 1/16w +5%
R412		038-14330-00	Res 0603 3k3 1/16w +5%	R547		038-13270-00	Res 0603 270e 1/16w +-5%	R708		038-15220-00	Res 0603 22k 1/16w +5%	R5001	H5	038-13150-00	Res 0603 150e 1/16w +5%
R413		038-14270-00	Res 0603 2k7 1/16w +5%	R548		038-12220-00	Res 0603 22e 1/16w +5%	R709		038-15470-10	Res 0603 47k 1/16w+-1%	R5001	H6	038-13270-00	Res 0603 270e 1/16w +5%
R414	H5	038-12100-00	Res 0603 10e 1/16w +5%	R549		038-12220-00	Res 0603 22e 1/16w +5%	R710		038-15470-10	Res 0603 47k 1/16w+-1%	R5002		038-14270-00	Res 0603 2k7 1/16w +5%
R414	H6	038-12220-00	Res 0603 22e 1/16w +5%	R550		038-15180-00	Res 0603 18k 1/16w	R711		038-15470-10	Res 0603 47k 1/16w+-1%	R5003	H5	038-14100-10	Res 0603 1k0 1/16w +1%
R415		038-13180-00	Res 0603 180e 1/16w +5%	R551		038-14270-00	Res 0603 2k7 1/16w +5%	R712		038-14470-00	Res 0603 47k 1/16w +5%	R5003	H6	038-14100-10	Res 0603 1k2 1/16w
R416		038-15220-00	Res 0603 22k 1/16w +5%	R552		038-15120-00	Res 0603 12k 1/16w +5%	R713		038-15330-10	Res 0603 33k 1%	R5004	H5	038-14100-10	Res 0603 1k0 1/16w +1%
R417		038-14470-00	Res 0603 4k7 1/16w +5%	R554	H5	038-14150-00	Res 0603 1k5 1/16w +5%	R714		038-12560-00	Res 0603 56e 1/16w +5%	R5004	H6	038-14120-10	Res 0603 1k2 1/16w
R418		038-14680-00	Res 0603 6k8 1/16w +5%	R555	H6	038-14180-00	Res 0603 1k1 1/16w	R715		038-13820-00	Res 0603 820e 1/16w +5%	R5005		038-13180-00	Res 0603 180e 1/16w +5%
R419		038-12150-10	Res 0603 15e 1/16w +1%	R554		038-16100-10	Res 0603 100k 1/16w +-1%	R716		038-15100-10	Res 0603 10k 1/16w +1%	R5006	H5	038-14150-00	Res 0603 1k5 1/16w +5%
R420		038-14100-10	Res 0603 1k0 1/16w +1%	R555	H5	038-14680-00	Res 0603 6k8 1/16w +5%	R717		038-15470-10	Res 0603 47k 1/16w+-1%	R5006	H6	038-14220-00	Res 0603 2k2 1/16w +5%
R421		038-15100-10	Res 0603 10k 1/16w +1%	R556	H6	038-14820-00	Res 0603 2k2 1/16w +5%	R718	H5	038-15100-10	Res 0603 10k 1/16w +1%	R5007	H5	038-14100-10	Res 0603 1k0 1/16w +1%
R422		038-16100-10	Res 0603 100k 1/16w +1%	R557		038-14220-00	Res 0603 2k2 1/16w +5%	R718	H6	038-15100-00	Res 0603 10k 1/16w +5%	R5007	H6	038-14120-10	Res 0603 1k2 1/16w
R423		038-16100-10	Res 0603 100k 1/16w +1%	R558		038-14470-00	Res 0603 4k7 1/16w +5%	R719		038-14560-00	Res 0603 5k6 1/16w +5%	R5008	H5	038-14100-10	Res 0603 1k0 1/16w +-1%
R424		038-12470-00	Res 0603 47e 1/16w +5%	R559		038-14220-00	Res 0603 2k2 1/16w +5%	R720		038-15100-10	Res 0603 10k 1/16w +-1%	R5008	H6	038-14120-10	Res 0603 1k2 1/16w
R425		038-14100-10	Res 0603 1k0 1/16w +1%	R560		038-14220-00	Res 0603 2k2 1/16w +5%	R721		038-15470-10	Res 0603 47k 1/16w+-1%	R5010		038-15100-10	Res 0603 10k 1/16w +1%
R426		038-14150-00	Res 0603 1k5 1/16w +5%	R561		038-12220-00	Res 0603 22e 1/16w +5%	R722		038-13560-00	Res 0603 560e 1/16w +5%	R5011		038-15220-00	Res 0603 22k 1/16w +5%
R427		038-14150-00	Res 0603 1k5 1/16w +5%	R562		038-12470-00	Res 0603 47e 1/16w +5%	R723		038-15330-10	Res 0603 33k 1%	R5012		038-14220-00	Res 0603 2k2 1/16w +5%
R428		038-13390-00	Res 0603 390e 1/16w +5%	R563		038-12330-00	Res 0603 33e 1/16w +5%	R724		038-15330-10	Res 0603 33k 1%	R5014	H5	038-15100-10	Res 0603 10k 1/16w +1%
R429		038-14220-00	Res 0603 2k2 1/16w +5%	R564		038-13330-00	Res 0603 330e 1/16w +5%	R725		038-15330-10	Res 0603 33k 1%	R5014	H6	038-15100-00	Res 0603 10k 1/16w +5%
R430		038-15390-00	Res 0603 39k 1/16w +5%	R565		038-14180-00	Res 0603 1k8 1/16w	R726		038-15330-10	Res 0603 33k 1%	SK100		240-10000-00	Skt SMD Dual Row Ra 2.54mm
R431		038-17100-00	Res 0603 1m 1/16w +5%	R566		038-15270-20	Res 0603 27k +-0.5%	R727		038-15330-10	Res 0603 33k 1%	SK101		240-02022-00	Skt Drng 15Way Ra S/Line Fem
R432		038-17100-00	Res 0603 1m 1/16w +5%	R567		038-12220-00	Res 0603 22e 1/16w +5%	R728		038-15330-10	Res 0603 33k 1%	SK102		240-10000-11	Conn SMD 18w Skt M/Match
R433		038-14120-10	Res 0603 1k2 1%	R568		038-14330-00	Res 0603 3k3 1/16w +5%	R729		038-15330-10	Res 0603 33k 1%	SK103		240-00028-00	Conn Rf Female Bnc TMA
R434		038-15270-00	Res 0603 27k 1/16w +5%	R569		038-16100-10	Res 0603 100k 1/16w +1%	R730		038-15330-10	Res 0603 33k 1%	SPARE1		036-10000-00	Res M/F SMD 0805 0e 0.125w
R435		038-13470-00	Res 0603 470e 1/16w +5%	R570		038-15270-20	Res 0603 27k +-0.5%	R731		038-14100-10	Res 0603 1k0 1/16w +1%	SPARE2		036-10000-00	Res M/F SMD 0805 0e 0.125w
R436		038-13560-00	Res 0603 560e 1/16w +5%	R571		038-13390-00	Res 0603 390e 1/16w +5%	R732		038-14100-10	Res 0603 1k0 1/16w +1%	SPARE3		036-10000-00	Res M/F SMD 0805 0e 0.125w
R437	H5	038-15100-10	Res 0603 10k 1/16w +1%	R572		038-12220-00	Res 0603 22e 1/16w +5%	R733		038-14100-10	Res 0603 1k0 1/16w +1%	SYN_BOT		319-01205-00	Shld Top Side VCO T/Orca
R437	H6	038-15100-00	Res 0603 10k 1/16w +5%	R573		038-12330-00	Res 0603 33e 1/16w +5%	R734		038-14100-10	Res 0603 1k0 1/16w +1%	SYN_TOP		319-01260-00	Shld Can Synth 6.7mm TMA
R500		038-16100-10	Res 0603 100k 1/16w +1%	R574		038-13470-00	Res 0603 470e 1/16w +5%	R735		038-14100-10	Res 0603 1k0 1/16w +1%	T400		050-10061-70	Bal Mxr SMD 617db-1018
R501		038-12220-00	Res 0603 22e 1/16w +5%	R575		038-12220-00	Res 0603 22e 1/16w +5%	R736		038-14100-10	Res 0603 1k0 1/16w +1%	T401		050-10061-70	Bal Mxr SMD 617db-1018
R502		038-16100-10	Res 0603 100k 1/16w +1%	R576		038-12220-00	Res 0603 22e 1/16w +5%	R737		038-14100-10	Res 0603 1k0 1/16w +1%	VCO_BOT		319-01206-01	Shld Bttm Side VCO T/Orca
R503		038-12220-00	Res 0603 22e 1/16w +5%	R577		038-12220-00	Res 0603 22e 1/16w +5%	R738		038-14100-10	Res 0603 1k0 1/16w +1%	VCO_TOP		319-01205-00	Shld Top Side VCO T/Orca
R504		038-16150-10	Res 0603 150k 1%	R578		038-13470-00	Res 0603 470e 1/16w +5%	R739		038-14100-10	Res 0603 1k0 1/16w +1%	VXCO_BOT		319-01257-00	Shld Can Frt End TMA
R505		038-13100-10	Res 0603 100e 1/16w +1%	R579		038-14470-00	Res 0603 4k7 1/16w +5%	R740		038-16100-10	Res 0603 100k 1/16w +1%	XF400		276-10000-18	Ftr Xtal 45.1m 12k B/W -E12ab
R506		038-13820-00	Res 0603 820e 1/16w +5%	R580		038-12220-00	Res 0603 22e 1/16w +5%	R741		038-16100-10	Res 0603 100k 1/16w +1%	XF401		276-10000-13	Ftr Xtal 45.1m 15k B/W
R507		038-12470-00	Res 0603 47e 1/16w +5%	R581		038-14560-00	Res 0603 5k6 1/16w +5%	R742		038-16100-10	Res 0603 100k 1/16w +1%	XL500		539-10011-00	Vctcxo 13.0MHz +-1.5ppm -30+80
R508		038-15100-10	Res 0603 10k 1/16w +1%	R582		038-14560-00	Res 0603 5k6 1/16w +5%	R743		038-14100-10	Res 0603 1k0 1/16w +1%	XL501		274-10022-00	Xtal 13.0133MHz Hc-49/5m +30ppm
R509		038-12470-00	Res 0603 47e 1/16w +5%	R583		038-12220-00	Res 0603 22e 1/16w +5%	R744		038-12470-00	Res 0603 47e 1/16w +5%				
R510		038-13390-00	Res 0603 390e 1/16w +5%	R584	H5	038-13330-00	Res 0603 330e 1/16w +5%	R745		038-16100-10	Res 0603 100k 1/16w +1%				
R511		038-16100-10	Res 0603 100k 1/16w +1%	R584	H6	038-13390-00	Res 0603 390e 1/16w +5%	R746	H5	038-15100-10	Res 0603 10k 1/16w +1%				
R512		038-12180-00	Res 0603 18e 1/16w +5%	R585		038-12220-00	Res 0603 22e 1/16w +5%	R746	H6	038-15100-00	Res 0603 10k 1/16w +5%				
R513		038-10000-00	Res 0603 Zero Ohm 1/16w +5%	R587		038-12220-00	Res 0603 22e 1/16w +5%	R747		038-10000-00	Res 0603 Zero Ohm 1/16w +5%				
R514		038-15100-10	Res 0603 10k 1/16w +1%	R588		038-12470-00	Res 0603 47e 1/16w +5%	R748		038-14470-00	Res 0603 4k7 1/16w +5%				
R515		038-15100-10	Res 0603 10k 1/16w +1%	R590		038-14470-00	Res 0603 4k7 1/16w +5%	R749		038-14470-00	Res 0603 4k7 1/16w +5%				
R517		038-15560-00	Res 0603 56k 1/16w +5%	R591		038-14220-00	Res 0603 2k2 1/16w +5%	R750		038-14470-00	Res 0603 4k7 1/16w +5%				
R518	H5	038-15100-10	Res 0603 10k 1/16w +1%	R592		038-14470-00	Res 0603 4k7 1/16w +5%	R751		038-14470-00	Res 0603 4k7 1/16w +5%				
R518	H6	038-15100-00	Res 0603 10k 1/16w +5%	R593		038-14560-00	Res 0603 5k6 1/16w +5%	R753		038-14470-00	Res 0603 4k7 1/16w +5%				
R519		038-12470-00	Res 0603 47e 1/16w +5%	R594		038-12470-00	Res 0603 2k7 1/16w +5%	R754		038-14470-00	Res 0603 4k7 1/16w +5%				
R520		038-12470-00	Res 0603 47e 1/16w +5%	R598		038-14270-00	Res 0603 2k7 1/16w +5%	R755		038-14470-00	Res 0603 4k7 1/16w +5%				
R521		038-15100-10	Res 0603 10k 1/16w +1%	R600		038-15330-10	Res 0603 33k 1%	R756		038-14470-00	Res 0603 4k7 1/16w +5%				
R522		038-12560-00	Res 0603 56e 1/16w +5%	R601		038-15330-10	Res 0603 33k 1%	R757		038-15470-10	Res 0603 47k 1/16w+-1%				
R523		038-16100-10	Res 0603 100k 1/16w +1%	R603		038-14100-10	Res 0603 1k0 1/16w +1%	R758		038-15470-10	Res 0603 47k 1/16w+-1%				
R524		038-15560-00	Res 0603 56k 1/16w +5%	R604		038-13270-00	Res 0603 270e 1/16w +5%	R759		038-15470-10	Res 0603 47k 1/16w+-1%				
R525		038-12470-00	Res 0603 47e 1/16w +5%	R607		038-15100-10	Res 0603 10k 1/16w +1%	R760		038-15470-10	Res 0603 47k 1/16w+-1%				
R526		038-14100-10	Res 0603 1k0 1/16w +1%	R610		038-15120-00	Res 0603 12k 1/16w +5%	R761		038-12560-00	Res 0603 56e 1/16w +5%				
R527		038-15330-10	Res 0603 33k 1%	R611		038-11470-00	Res 0603 4e7 1/16w +5%	R762		038-12560-00	Res 0603 56e 1/16w +5%				
R528		038-13470-00	Res 0603 470e 1/16w +5%	R612		038-10000-00	Res 0603 Zero Ohm 1/16w +5%	R763		038-12560-00	Res 0603 56e 1/16w +5%				
R529		038-16100-10	Res 0603 100k 1/16w +1%	R614		038-10000-00	Res 0603 Zero Ohm 1/16w +5%	R764		038-12560-00	Res 0603 56e 1/16w +5%				
R530		038-13100-10	Res 0603 100e 1/16w +1%	R615		038-15470-10	Res 0603 47k 1/16w+-1%	R765		038-15470-10	Res 0603 47k 1/16w+-1%				
R531															