

Bulked-Up Parts List Report
01 Feb 2006 13:33:37

CAE BOM: 01 Feb 2006 13:32:30
Description: BASEBAND MB

Status:
Engineer: Jake Holland

ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
	1			155-2208-010 IC 1625	U23
	1			1AB 00002 0002 IC 74ACT00	U19
	8			1AB 00007 2186 CAP 150 uF -20 20 % 10 V	C4 C46 C68 C74 C86 C171 C172 C185
	2			1AB 00010 0001 XSTR 2N2222A	Q3 Q6
	1			1AB 00015 0221 RES 6.81 KOhm 1 % 125 mW	R95
	1			1AB 00015 0311 RES 27.4 KOhm 1 % 125 mW	R220
	1			1AB 00015 0413 RES 332 KOhm 1 % 125 mW T	R208
	1			1AB 00015 1161 RES 422 Ohm 1 % 125 mW TH	R167
	1			1AB 00015 1237 RES 2.37 KOhm 1 % 125 mW	R216
	1			1AB 00015 1253	R185

03 | | F46847 | | DUANE MORTENSEN | | JAKE HOLLAND

ED | DATE | CHANGE NOTE | APPRAISAL AUTHORITY | ORIGINATOR

BASEBAND MB

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
				RES 3.48 KOhm 1 % 125 mW	
	2			1AB 00015 1261 RES 4.22 KOhm 1 % 125 mW	R215 R222
	1			1AB 00015 1345 RES 28.7 KOhm 1 % 125 mW	R154
	1			1AB 00019 0001 IC 74AC02	U16
	1			1AB 00024 0002 IC 74AC14	U18
	2			1AB 00224 0001 CAP 2.2 uF -20 20 % 20 V	C121 C187
	3			1AB 00224 0003 CAP 22 uF -20 20 % 20 V T	C133 C170 C205
	2			1AB 00334 0002 IC 74HC4053	U15 U28
	1			1AB 00338 0001 IC 74HC4052 1	U20
	3			1AB 00547 0008 DIO BAS40 STTKY	CR2 CR3 CR4
	2			1AB 00782 0072 CAP 1000 pF 5 % 100 V NP0	C6 C176
	12			1AB 00782 0077 CAP 33 pF 5 % 100 V NP0-H	C141 C142 C143 C144 C145 C148 C149 C150 C151 C152 C153 C154
	1			1AB 00788 0001 DIO BAW56 RECT SOT-23	CR6

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
	1			1AB 00814 0027 CAP 120 pF 5 % 100 V NPO	C7
	1			1AB 00814 0033 CAP 220 pF 5 % 100 V NPO	C80
	2			1AB 00814 1056 CAP 10 pF 5 % 100 V NPO	C13 C14
	2			1AB 00886 0031 IND 390 nH 5 % RF	L8 L9
	7			1AB 00886 0047 IND 4.7 uH 5 % RF	L5 L11 L12 L13 L16 L17 L18
	1			1AB 01005 0101 CAP 47000 pF 10 % 100 V	C183
	63			1AB 01005 0103 CAP .1 uF 10 % 100 V X7R	C8 C9 C10 C11 C12 C15 C16 C17 C18 C20 C21 C22 C27 C28 C29 C30 C31 C33 C34 C35 C38 C43 C50 C51 C53 C57 C58 C59 C60 C62 C63 C64 C70 C71 C75 C76 C85 C88 C110 C111 C112 C113 C114 C115 C116 C117 C128 C129 C136 C137 C155 C156 C158 C159 C163 C164 C165 C177 C178 C179 C180 C206 C207

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
	1			1AB 01055 0012 IC 082 1	U11
	2			1AB 01055 0014 IC 084	U6 U22
	10			1AB 01289 0136 CAP 4.7 uF -20 20 % 16 V	C19 C24 C25 C32 C42 C89 C106 C107 C119 C123
	1			1AB 01413 0007 SER EEPROM CMOS	U14
	3			1AB 01472 0001 DIO MBD914 SGL COM AD SW	CR1 CR7 CR8
	1			1AB 01646 0032 CONN 20 POS STICK HDR	P103
	3			1AB 01646 0055 CONN 4 POS STICK HDR	E1 E2 E3
	2			1AB 01646 0134 CONN 8 POS STICK HDR	P101 P102
	1			1AB 01662 0003 IC 072 1	U24
	1			1AB 01800 0023 TIP JK .08 WHT HORIZ-VERT	J1
	3			1AB 01919 0006 BEAD Z = 14.25 TO 23.75 O	FB3 FB43 FB44
	11			1AB 01946 0008 SQ POST PIN PHOSPHOR BRZ	XW1 XW2 XW3 XW4 XW5 XW6 XW7 XW8 XW13 XW27 XW29

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
	1			1AB 02411 0001 DIO MBRS140 SCHTTY BARR R	CR5
	2			1AB 02620 0001 DIO MBRS340 SCHTTY BARR R	CR9 CR10
	1			1AB 03101 0002 IC 79M05	Q4
	1			1AB 03148 0014 CONN BOX FEM 20	J102
	12			1AB 04610 0022 CAP 100 pF 5 % 50 V NP0 C	C81 C82 C83 C84 C130 C131 C132 C134 C138 C140 C146 C147
	1			1AB 05590 0008 CAP 2.2 uF 10 % 16 V X7R	C181
	16			1AB 05898 0003 CAP 10000 pF 10 % 50 V X7	C48 C49 C56 C66 C67 C69 C77 C124 C125 C126 C127 C139 C167 C174 C175 C188
	2			1AB 05898 0010 CAP 2200 pF 10 % 50 V X7R	C78 C94
	19			1AB 05988 0054 Z OHM JMPR 1 A	R3 R18 R21 R35 R51 R56 R57 R58 R99 R127 R162 R166 R169 R172 R184 R189 R193 R194 R211
	3			1AB 05988 0101 RES 4.7 Ohm 5 .1 W THK FL	R84 R199 R200

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
	1			1AB 05988 0102 RES 5.6 Ohm 5 % 100 mW TH	R186
	2			1AB 06166 0002 TRIM POT 1 KOhm 10 %	R78 R79
	1			1AB 06166 0004 TRIM POT 5 KOhm 10 %	R97
	1			1AB 06166 0009 TRIM POT 10 KOhm 10 %	R102
	2			1AB 06167 0004 TRIM POT 100 Ohm 10 %	R1 R2
	1			1AB 06279 0004 IC PCF8574T	U5
	1			1AB 06896 0028 CONN SQ POST MALE 10	J100
	8			1AB 07057 0010 CAP 10 uF -10 10 % 10 V T	C23 C26 C41 C108 C109 C120 C168 C169
	1			1AB 07280 0005 IC LM4040	VR2
	4			1AB 07719 0005 FLTR 50 Ohm L PASS .5 dB	FL1 FL2 FL3 FL4
	2			1AB 08050 0001 IND 5 uH HI CUR FLTR	L1 L2
	2			1AB 08211 0001 IC MC33269 1	U4 U25
	23			1AB 08499 0001 RES 100 Ohm 1 % 63 mW THK	R8 R9 R10 R11 R14 R23 R24 R36 R37 R61

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
					R62 R90 R92 R113 R117 R124 R142 R191 R197 R198 R201 R202 R203
	25			1AB 08499 0004 RES 1 KOhm 1 % 63 mW THK	R29 R30 R33 R45 R47 R48 R65 R76 R77 R82 R86 R101 R104 R107 R111 R112 R133 R135 R136 R138 R139 R140 R161 R164 R168
	30			1AB 08499 0007 RES 10 KOhm 1 % 63 mW THK	R5 R25 R26 R100 R103 R108 R118 R122 R123 R153 R155 R175 R176 R180 R187 R188 R244 R245 R246 R247 R248 R249 R250 R251 R252 R253 R254 R255 R256 R257
	1			1AB 08499 0008 RES 12.1 KOhm 1 % 63 mW T	R213
	2			1AB 08499 0012 RES 13 KOhm 1 % 63 mW THK	R195 R196
	3			1AB 08499 0018 RES 100 KOhm 1 % 63 mW TH	R52 R53 R105
	4			1AB 08499 0039 RES 10 Ohm 1 % 63 mW THK	R7 R115 R258 R259
	4			1AB 08499 0047	R128 R129 R134

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
				RES 17.8 Ohm 1 % 63 mW TH	R157
	8			1AB 08499 0048 RES 21.5 Ohm 1 % 63 mW TH	R38 R39 R40 R43 R116 R144 R148 R158
	1			1AB 08499 0049 RES 38.3 Ohm 1 % 63 mW TH	R13
	7			1AB 08499 0050 RES 51.1 Ohm 1 % 63 mW TH	R87 R88 R165 R170 R204 R209 R221
	4			1AB 08499 0051 RES 56.2 Ohm 1 % 63 mW TH	R207 R241 R242 R243
	2			1AB 08499 0052 RES 75 Ohm 1 % 63 mW THK	R55 R63
	6			1AB 08499 0053 RES 121 Ohm 1 % 63 mW THK	R141 R143 R145 R146 R147 R163
	2			1AB 08499 0054 RES 178 Ohm 1 % 63 mW THK	R4 R54
	6			1AB 08499 0055 RES 215 Ohm 1 % 63 mW THK	R41 R42 R44 R46 R89 R192
	2			1AB 08499 0057 RES 261 Ohm 1 % 63 mW THK	R64 R67
	9			1AB 08499 0058 RES 316 Ohm 1 % 63 mW THK	R66 R68 R71 R91 R114 R130 R131 R179 R190
	2			1AB 08499 0059 RES 383 Ohm 1 % 63 mW THK	R93 R98
	1			1AB 08499 0060 RES 464 Ohm 1 % 63 mW THK	R210

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
	5			1AB 08499 0061 RES 511 Ohm 1 % 63 mW THK	R49 R50 R106 R119 R171
	2			1AB 08499 0063 RES 750 Ohm 1 % 63 mW THK	R75 R85
	1			1AB 08499 0065 RES 1.78 KOhm 1 % 63 mW T	R125
	4			1AB 08499 0066 RES 2.15 KOhm 1 % 63 mW T	R32 R34 R81 R178
	2			1AB 08499 0067 RES 2.61 KOhm 1 % 63 mW T	R109 R110
	1			1AB 08499 0068 RES 2.87 KOhm 1 % 63 mW T	R126
	11			1AB 08499 0069 RES 4.64 KOhm 1 % 63 mW T	R12 R16 R17 R19 R20 R22 R27 R28 R69 R70 R181
	5			1AB 08499 0071 RES 31.6 KOhm 1 % 63 mW T	R149 R150 R151 R152 R182
	2			1AB 08499 0091 RES 5.11 KOhm 1 % 63 mW T	R218 R219
	3			1AB 08499 0113 RES 3.32 KOhm 1 % 63 mW T	R214 R651 R652
	2			1AB 08499 0129 RES 38.3 KOhm 1 % 63 mW T	R137 R177
	2			1AB 08499 0148 RES 20 KOhm 1 % 63 mW THK	R132 R173
	1			1AB 08499 0211 RES 301 Ohm 1 % 63 mW THK	R375

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
	2			1AB 08499 0284 RES 2.05 KOhm 1 % 63 mW T	R83 R174
	4			1AB 08499 0322 RES 147 KOhm 1 % 63 mW TH	R72 R73 R74 R80
	1			1AB 08939 0001 IC 33064-5	U21
	5			1AB 09118 0010 CAP 100 uF -10 10 % 20 V	C1 C99 C100 C101 C102
	3			1AB 09182 0010 RES 10 Ohm 1 % 1 W THK FL	R59 R60 R94
	1			1AB 09182 0028 RES .511 Ohm 1 % 1 W THK	R96
	1			1AB 09247 0001 IND 9.3 uH PWR	L14
	10			1AB 09537 0001 CAP 33 uF -10 10 % 25 V T	C2 C44 C45 C47 C73 C92 C93 C96 C98 C103
	1			1AB 09852 0008 TRIM POT 2000 Ohm UNC-150	R159
	3			1AB 10080 0002 CAP 1 uF 20 % 100 V X7R C	C91 C97 C122
	1			1AB 10418 0001 CONN RCPT FEM 110	J101
	1			1AB 10574 0001 DIO RED LED (SINGLE) T-1	DS2
	1			1AB 10574 0003 DIO GREEN LED (SINGLE) T-	DS1

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
	9			1AB 11154 0001 CAP 1 uF 80 % 25 V Y5V	C5 C37 C54 C55 C61 C65 C72 C87 C118
	5			1AB 11385 0001 IND 15 % H-CUR	L6 L7 L10 L15 L21
	2			1AB 11432 0046 RES 150 Ohm 1 % 100 mW TH	R120 R121
	2			1AB 11839 0001 XSTR MTD20N03 N-CHAN ENH.	Q5 Q7
	2			1AB 11945 0036 IND 39 uH 20 % SMD	L3 L4
	2			1AB 12297 0007 RES .033 Ohm 1 % 1 W META	R205 R206
	2			1AB 12597 0001 IC 164245 3	U26 U33
	2			1AB 12821 0003 DAC 9742 12 HI SPD	U7 U8
	1			1AB 13043 0001 CAP .22 uF 5 % 50 V X7R C	C90
	1			1AB 14861 0001 CAP 10 uF 10 % 10 V X5R C	C184
	1			1AB 16579 0001 IC XC2S150	U12
	1			1AB 17283 0001 SER EEPROM CMOS	U3
	1			1AB 17478 0003 IC 2989	U34

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ITEM REF	QTY	MU-	F	PART NUMBER DESCRIPTION	COMPONENT REFERENCE
	4			1AB 18569 0002 IC 8007	U10 U31 U37 U38
	1			1AB 18841 0001 IC LM2642	U9
	2			1AB 18853 0001 CAP 68 uF 20 % 10 V X5R C	C3 C173
	4			1AB 18901 0001 XSTR 6690 N-CHAN SIL FET	Q8 Q9 Q10 Q11
	2			1AB 18904 0001 IC 3965	U13 U32
	1			1AB 19237 0001 CAP 4.7 uF 20 % 25 V X5R	C79
	1			3DH 03138 AR XMTR BASEBAND	PW1
	0			3EM 11694 AB Tx Filter	SW1
	1			8BD 00152 0002 IC 74F126 1	U17

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