

Bill Of Material for Voipac i.MX Base Board rev2
November 9, 2012

Description	Package	Designator	Quantity
0R	0603	R213,R309,R312,R313,R314,R315,R316,R317,R320,R406,R410,R416,R417,R616,R618,R620,R621,R624,R626,R627,R711,R722,R723,R803,R804,R805,R806,R820,R901,R301,R302,R303,R304,L703,L704,L705,L706	21
0R1	0603	R100,R101,R102,R200,R300,R400,R500,R501,R605,R607,R613,R700,R800,R900,R907,R403	16
1000pF / 1kV, 1n	0603	C805	1
100k	0603	R212,R404,R407,R408,R409,R411,R412,R413,R418,R419,R713,R716,R802,R819,R902,R902P,R903,R912	13
100nF	0603	C201,C202,C203,C204,C207,C208,C210,C212,C213,C214,C215,C218,C219,C220,C221,C224,C225,C300,C301,C302,C305,C311,C320,C321,C322,C323,C324,C325,C327,C328,C331,C334,C337,C402,C408,C409,C411,C412,C413,C414,C417,C420,C422,C508,C509,C512,C513,C514,C515,C516,C517,C518,C519,C520,C521,C522,C523,C526,C527,C600,C601,C602,C603,C604,C605,C606,C609,C610,C612,C615,C616,C618,C619,C620,C621,C624,C625,C626,C627,C628,C629,C700,C701,C702,C703,C704,C705,C706,C707,C710,C711,C800,C801,C808,C809,C904,C906,C907,C911,C912,C913,C920,C921,C927	102
100nF	1206	C916,C917	2
100pF	0603	C335	1
100R	0603	R214,R617,R622,R623,R904,R905	6
100uF	Tantal D	C400,C401,C404,C405,C406,C407	6
100uF 63V EC5/10		C900,C901	2
10k	0603	R201,R211,R307,R308,R321,R322,R401,R405,R600,R601,R602,R603,R604,R606,R608,R609,R610,R611,R612,R615,R619,R631,R632,R703,R704,R705,R706,R707,R708,R709,R712,R714,R715,R717,R718,R719,R720,R724,R725,R726,R727,R728,R809,R810,R906,R909	35
10nF	0603	C908,C922	1
10R	0603	R206,R207,R305,R702,R812	5
10uF	0805	C103,C104,C105,C106,C107,C108,C109,C110,C111,C200,C205,C206,C209,C211,C226,C318,C326,C333,C340,C403,C410,C524,C525,C607,C608,C611,C633,C634,C635,C636,C637,C715,C807,C924,C925,C926,C928	36
10uF 10V Tantal	3216 (A)	C222,C223	2
120nH	0603	L312	1
120R	0603	R801	1
12k0	0603	R415	1
14,745MHz	HC49/4HSMX	X600	1
150pF	0603	C216,C217,C307,C308,C316,C317,C500,C501,C502,C503,C504,C505,C506,C507	14
X-tal 16MHz	HC49/4HSMX	X800	1
1k	0603	R208,R209,R210,R318,R614,R710,R807,R808,R813,R816	7
1M	0603	R414,R625,R811,R908	2
1nF	0805	C918	1
1uF	0603	C304,C306,C309,C310,C319,C415,C419,C421,C614,C905	9
220M SC5/13		C903	0
220nF	1206	C915	1
220uF EC5/10	8x11x3,5mm	C902,C923	2
22k	0603	R310,R311	2
22nF	0603	C312,C313,C314,C315,C632,C804	2
22pF	0603	C909,C910	0
X-tal 12,288 MHZ	JO75	Y300	1
X-tal 24MHz	HC49/4HSMX	X400	1
24pF	0603	C336	1
270nH	0603	L311	1
2u2	0603	C613	0
32,768KHZ/(Q-0.032768-SMQ32S-12.5-30)	SMQ32S	X900,X901	1
33pF	0603	C423,C424,C622,C623,C630,C631,C802,C803	8
33uH (33uH/2A/4Asat_NS (DR127-330))	L127_NS	L901	1
47R	0603	R215	0

330nF	0603	C329,C330	2
51k	0603	R319	0
4u7/ 100V	CAPPR2-5x11	C919	1
6p8	0603	C303	0
EXB28V330J/33R 5% (33RYC164-JR) 4x33R	RX4 NS	RN200,RN201,RN202,RN203,RN204,RN205,RN206,RN207	8
510R0	0603	R701	1
560R	0603	R202	1
7427512	5A EMI ferit L	L903,L906,L907	3
74LVC8T245 (SN74LVC8T245PW)	TSSOP24	U200,U203,U205,U207,U500,U506	6
75K	0603	R306	0
75R	0603	R203,R204,R205,R814,R815,R817,R818	5
820R	0603	R402	1
ADV7125KST (ADV7125KSTZ140)	LQFP48	U201	1
ALT	H1x2	H801	1
AT24CXX (AT24C512BN-SH-B)	SOIC8	U601	1
B82721A2701N20	42H17	L905	1
B82790S0 51uH (B82790S0513N201)	B82790	B800	1
BACK BUTTON_KSM612B		SW904	1
BAR43C	SOT23	D902,D904,D905	3
		L200,L202,L203,L204,L205,L206,L300,L301,L302,L303,L304,L305,L306,308,L309,L310,L400,L401,L402,L403,L404,L405,L406,L407,L408,L409,L500,L501,L502,L503,L504,L505,L506,L507,L508,L509,L700,L701,L702,L801	38
Bead BK1608HW121	0603		
Bead BLM21PG221SN1D	0805	L800,L802,L900,L902,L904,L908	4
BGX50A (BGX50A-E6327)	SOT143	B400,B401,B402,B403,B404,B700,B701,B702,B703,B704	10
BOOTMODE	H1x3	H902	1
BR1225 (SN2032),(BH5000)		B900	1
BSS138GEG	SOT23	T200,T201,T202,T203,T800,T900,T901	6
DB9-M-FA	DRA9_F	J800	1
DB9-M-RA	DRA9_M_RA	J500	1
DIMM200 (1473005-1)	SODIMM200EDGE	K100	1
DLW5BSN302SQ2L	DLW5BSN	L909	1
DS1339 (DS 1339U - 33+)	uSOP8	U904	1
DS2411 (DS2411R)	SOT23	U602	1
DVI-I (DV2R029N11E)	DVI_F_RA	J700	1
GW4002	MELF	D900,D901	2
H2	H1x2	H400	1
H20x2	H2x20	H200	1
H25x2	H2x25	H100,H101,H102,H103	0
H4	H1x4	H700,H800,H900	3
H5x2	H2x5	H300,H500,H501	3
HSEL	H1x2	H401	1
JTAG	H2x10	J901	1
JTAG8 (47041-0001)		P900	1
HDD_LED (led smd)	0805	LD800,LD801	0
AA-3A4/3G/KLH330 (triple)	LED HOLDER 3	LH200	1
LM1117MPX -3,3/NOPB, REG1117-3,3	SOT223	U204	1
LM2599S -5.0	TO263_7	U900	1
LM3480IM3-3.3/NOPB	SOT23	U901	1
LP2980-33	SOT23-5	U303	1
MAX3232CSE	SOIC16N	U504,U505	2
MCP2515-I/SO	SOIC18W	U800	1
HOME BUTTOM_KSM612B		SW902	1
MENU BUTTOM_KSM612B		SW903	1
MIC2026-1YM	SOIC8N	U400,U401,U402	3
MICROSD (KYOCERA - 04 5138 008 010 890)	uSD10	J600	1
MINI USB (MUSB-05-S-AB-SM-A)	MINI_USB_AB	J400	1
SDCMF-10915W0T0		J602	1
MSP430F20x2 (MSP430F2012IPW)	TSSOP14	U903	1
NC7WZ16P6X	SC70	U206	1
NFM18PC105R0J3	NFM18P	C100,C101,C102,C338,C714,C806,C914	7
NUP2105LT1G	SOT23	TS800	1
P6SMB39A	DO214AA	ZD900	1
PCA82C251T	SOIC8N	U801	1
PCA9306DCTT	TSSOP8	U701,U702	2
Power connector 2.1/5.5 (EDC2,1B)	DC-PWR,PJ102B	J900	1
Power (KSM0633B) -PBSW_VERTICAL	Button_RA_NS	SW900	1

Reset (KSM0633B) -PBSW_VERTICAL	Button_RA_NS	SW901	1
RJ45RA 2-406549-1	RJ45LED	J801	1
SCI8 - (7334L2625F04LF)	SCI8F	J601	1
SFH5110-36	SHF511x	U202	1
SGTL5000	QFN32	U301	1
Si4705-B20-GM	QFN20	U302	1
SJ3523-SMT	SJ35_NS	J300,J301	2
SK26A (B360)	SMB	D903	1
SPI25FLX (SST25VF032B-664IS2AF)	SOIC8	U600	1
TDA8029HL/C207	LQFP32	U604	1
TFP410PAP	TQFP64	U700	1
TG110S050N2	SOIC16	TR800	1
TP2 (testpoint)		TP100,TP101,TP102,TP103,TP104,TP105,TP200,TP201,TP300,TP301,TP400,TP401,TP500,TP501,TP502,TP503,TP600,TP601,TP602,TP603,TP604,TP605,TP700,TP701,TP800,TP801,TP900,TP901,TP902,TP903	30
TFDU4101		U208	0
TSC2046	TSSOP16	U304	1
TXS0108EPWR	TSSOP20	U300,U503,U603,U605	4
USB2514i-AEZG	QFN36	U403	1
KUSBL-AS-2-N-W/ (USB/BU2A (A-USB-A-2P))	USB-2A	J401,J402	2
ZOOM BUTTOM_KSM612B		SW905	1
PCB			1
Total components			510

NOT soldered on a standard configuration board:

H100,H101,H102,H103,L200,C225,C226,R213,R215,U208,R306,C303,R319,L306,R309,R316,R315,C337,R404,R407,R408,R416,R417,R410,R411,R608,R627,R609,R610,R611,R604,C613,C614,R618,R624,R625,R704,R707,R708,R709,R710,R711,R722,R723,R724,R820,R807,R808,LD800,LD801,R802,T800,R809,R803,R806,L800,L802,R817,R818,C908,X900,C909,C910,R908,C903,C312,C313,C314,C315