



Logic Product Development
PN: 1008549 Rev B

Bill of Materials

BOM	Pages
ZOOM™ i.MX LITEKIT BASEBOARD	4



BOM REPORT

Part Number 1008549

Part Description ASSEMBLY, i.MX LITEKIT BASEBOARD

Part Revision B

Part Number	Rev	Qty	Ref Des	Item Description	Initial MFG Name	Initial MFG Part Number
1008549	B			ASSEMBLY, PCB, SDK2 BASEBOARD (ROHS)		
1001332	B	8	C22, C23, C32, C34, C37, C45, C48, C53	CAP, TANTALUM, 22UF, 10V, 3528	Panasonic	ECS-T1AX226R
1001335	A	1	U22	IC, DIGITAL LOGIC/LATCHES, SCHMIDT TRIGGER INVERT, SINGLE, 1.65V TO 5.5V, SC-70	Texas Instruments	SN74LVC1G14DCKR
1001336	B	21	R9, R15, R37-R39, R41, R42, R45, R46, R48, R51, R53-R56, R65, R68, R77-R80	RESISTOR, 10K OHM, 1/16W, 5%, 0402	Dale	CRCW0402103JT
1001368	A	5	R1, R4, R25, R27, R75	RESISTOR, 0 OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GE0R00X
1001372	A	3	R47, R61, R62	RESISTOR, 100K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ104X
1001604	A	2	Q2, Q4	MOSFET, N-CH, 60V, 150MA, SOT23	Diodes Inc	2N7002-7-F
1002320	A	1	U21	IC, DIGITAL LOGIC/LATCHES, SINGLE D TYPE FLIP FLIP WITH PRESET# AND CLEAR#	Texas Instruments	SN74LVC2G74DCTRE4
1002388	A	1	Q3	MOSFET, P-CH, -20V, -5.5A, SOT-223	Fairchild	FDT434P
1002394	B	8	C25, C27, C29, C31, C50, C52, C55, C57	CAP, CERAMIC, 1000PF, 50V, X7R, 0402	Yageo America	04022R102K9B20D
1002396	A	9	C24, C26, C28, C30, C47, C49, C51, C54, C56	CAP, CERAMIC, 0.1UF, 16V, X5R, 0402	AVX	0402YD104KAT2A
1002403	A	2	J5, JP2	CONNECTOR, HEADER, MALE, 0.100IN, 6PIN, 2X3	Sullins	PTC03DAAN
1002428	A	8	R10-R13, R44, R57, R66, R67	RESISTOR, ARRAY (4) 22 OHM, 5%, SMT	Panasonic	EXB-28V220JX
1002487	A	1	J15	CONNECTOR, BARREL JACK, 2.5MM, PWRJACK	Switchcraft	RAPC712X
1002514	A	3	S1-S3	SWITCH, TACT, SPST, SM	ITT Cannon	KSC421GB (RoHS)
1002548	A	1	U17	IC, SWITCH, DUAL USB POWER SWITCH	Micrel	MIC2076-2YM
1002549	A	5	D1-D4, D6	LED, GREEN, CLEAR, 0805	LITE-ON	LTST-C170GKT
1002604	A	1	Q5	MOSFET, P-CH, 12V, -4.3A, SOT23	INTERNATIONAL RECTIFIER	IRLML6401PBF
1002656	A	1	J7	CONNECTOR, USB HOST	Molex	89485-8000
1002671	A	5	R58-R60, R69, R70	RESISTOR, ARRAY (4) 10K OHM, 5%, SMT	Panasonic	EXB-28V103JX



Part Number	Rev	Qty	Ref Des	Item Description	Initial MFG Name	Initial MFG Part Number
1002991	A	1	J17	CONNECTOR, HEADER, MALE, 0.100IN, 20PIN, 2X10	Pinrex Enterprise Co., Ltd.	210-72-40TB01
1002996	B	1	R49	RESISTOR, 4.7K OHM, 1/16W, 5%, 0402	Panasonic	ERJ-2GEJ472X
1002998	A	1	R52	RESISTOR, 5.6K OHM, 1/16W, 5%, 0402	Yageo America	9C04021A5601JLHF3
1003098	A	2	J8, JP4	CONNECTOR, HEADER, MALE, 0.100IN, 2PIN, 1X2	Samtec	TSW-102-23-T-S
1003101	A	1	J9	CONNECTOR, HEADER, MALE, 0.100IN, 10PIN, 2X5	Samtec	TSW-140-23-T-D
1003117	A	2	U10, U11	IC, POWER REG, 1.5A LDO	NATIONAL	LM1086CSX-ADJ NOPB
1003118	A	2	R30, R34	RESISTOR, 576 OHM, 1/16W, 1%, 0603	Panasonic	ERJ-3EKF5760V
1003283	C	6	R7, R8, R32, R35, R43, R50	RESISTOR, 330 OHM, 1/10W, 5%, 0603	Panasonic	ERJ-3GEYJ331V
1003284	A	2	R31, R36	RESISTOR, 931 OHM, 1/16W, 1%, 0603	Panasonic	ERJ-3EKF9310V
1003299	A	1	D5	LED, YELLOW CLEAR 0805	LITE-ON	LTST-C170YKT
1003323	A	26	C1, C2, C7-C21, C33, C36, C39, C42-C44, C46, C58, C59	CAP, CERAMIC, 0.1UF, 16V, Y5V, 0402	Panasonic	ECJ-0EF1C104Z
1003492	A	1	J11	CONNECTOR, HEADER, MALE, 0.100IN, 60PIN, 2X30	Tyco	1-761606-6
1003627	A	1	J6	CONNECTOR, RECEPTACLE, USB MINI-AB, SMT	Molex	56579-0576
1003659	A	8	U4, U5, U7, U8, U14, U15, U38, U42	IC, TRANSCEIVER, 16 BIT DUAL SUPPLY, TSSOP48	Philips	74ALVC164245DG
1003708	A	6	C35, C38, C40, C41, C62, C63	CAP, TANTALUM, 150UF, 10V, 6032	Kemet	T494C157K010AT
1003712	A	4	C3-C6	CAP, CERAMIC, 0.33UF, 16V, Y5V, 0603	Kemet	C0603C334Z4VACTU (RoHS)
1003734	A	1	P2	CONNECTOR, DB-9, MALE	Amp	5747250-4
1003737	A	2	J3, J10	CONNECTOR, BARREL JACK, 3.5MM, AUDIO JACK, STE-REO	CUI STACK	SJ-3505 (RoHS)
1003742	A	1	P1	CONNECTOR, RJ-45, JACK W/ MAGNETICS	PULSE ENG	J0026D21NL
1003753	A	4	R28, R29, R33, R40	RESISTOR, 0.050 OHM, 1W, 1%, 2512	Panasonic	ERJ-L1WKF50MU (RoHS)
1003793	A	2	JP1, JP3	CONNECTOR, HEADER, MALE, 0.100IN, 3PIN, 1X3	Samtec	TSW-103-26-L-S
1003796	A	1	J16	CONNECTOR, USB DEVICE	Assman Electronics	AU-Y1007-R
1003819	A	1	R72	RESISTOR, 47 OHM, 1/16W, 5%, 0402	Yageo America	9C04021A47R0JLHF3 (RoHS)
1003831	A	1	J30	CONNECTOR, HEADER, MALE, 20X2	AMP	1761633-2



Part Number	Rev	Qty	Ref Des	Item Description	Initial MFG Name	Initial MFG Part Number
1004326	A	1	J4	CONNECTOR, CF SOCKET, 50PIN, SLIM STYLE, DUAL FOOTPRINT, TYPE 2	Amp	1734451-1
1004701	A	1	U20	IC, DUAL BIDIRECTIONAL VOLTAGE-LEVEL TRANSLATOR, TSSOP-8	Philips	GTL2002DP-T
1005302	A	1	U9	IC, RS232 XCVR, 3XMIT, 2 RCV, 1.8V I/O CAPABLE, TSSOP-20, ITEMP	Intersil	ISL83386EIVZ
1005441	A	0		SCHEMATIC, SDK2 BASEBOARD		
1005459	1	4	J1, J2, J13, J14	CONNECTOR, HEADER, BTB, 0.5MM, 240PIN, 2X120, SOCKET	Samtec	BSH-120-01-L-D-A
1005608	A	1	J29	CONNECTOR, SDIO/MMC, ROHS	Hirose	DM1AASF-PEJ (ROHS)
1005615	E	0		ASSEMBLY DRAWING, APPLICATION BOARD, SDK2-APP-10		
1005996	A	1	U39	IC, USB TO UART, QFN-32	FTDI	FT232RQ
1006747	A	1	U41	IC, TRANSCEIVER, 8 BIT 1.5V TO 5V, LEVEL SHIFTING	NXP	74LVC4245APW
1008536	A	1		PCB, SDK2-APP-10, APPLICATION BOARD - PRODUCTION		
1003303	A	5	JP1.2.3, JP2.1, JP2.2, JP3.2.1, JP4.1	JUMPER, 2PIN, 0.100, 30 AU, BLACK, HANDLE	AMP	881545-2
25000046	B	7		FEET, BUMPON, SJ5076	3M	SJ5076
1006494	B	0		LABEL, PART NUMBER, REVISION, SERIAL NUMBER, BAR CODE, ROHS		