

Designator	Quantity	Footprint	value	PartNumber	Manufacturer	Description
B1	1	Connector		BC501SM	ENERGIZER	
B1.1	1	BAT	1.5V	A76		
C52	1	0402_O	82pF	CL05C820JB5NNNC	Samsung	capacitor ceramic
C64, C65, C134	3	0402_O	100pF	CL05C101JB5NNNC	Samsung	capacitor ceramic
C58	1	0402_O	220pF	CL05C221JA5NNNC	Samsung	capacitor ceramic
C42, C47, C72, C101, C102, C107, C108, C121, C130	9	0402_O	10nF	CL05B103MO5NNNC	Samsung	capacitor ceramic
C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C41, C44, C45, C46, C49, C50, C51, C53, C55, C57, C59, C60, C71, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C85, C87, C89, C90, C91, C92, C93, C94, C96, C99, C103, C104, C105, C106, C110, C114, C115, C117, C118, C127, C128, C66, C67, C68, C69, C70	86	0402_O	100nF	CL05B104KO5NNNC	Samsung	capacitor ceramic
C25, C54, C56	3	0402_O	1uF	CL05X105KQ5NNNC	Samsung	capacitor ceramic
C83, C84, C86, C88	4	0603_O	18pF	CL10C150JB8NNNC	Samsung	capacitor ceramic
C124	1	0603_O	3n3	CL10B332KB8NNNC	Samsung	capacitor ceramic
C119, C120, C123, C11, C126	5	0603_O	4,7uFx16	CL10A475KO8NNNC	Samsung	capacitor ceramic
C63, C111, C131, C132, C133	5	0603_O	10uFx10	CL10A106MQ5NRNC	Samsung	capacitor ceramic
C100	1	1206_O	1nFx2kV	CL31B102KJHNNNE	Samsung	capacitor ceramic
C43, C48, C95, C109, C98, C40	6	TAJA	10uFX16v	TCSCS1C106KAAR	Samsung	capacitor tantal
C97, C113, C116, C122, C125	5	D8	100uFX25v	EEE1EA101XP	Panasonic	Cap Aluminum
C61, C62	2	D8	220uFX10v	EEE1AA221XP	Panasonic	Cap Aluminum
C112, C129	2	0603_O				not mounted reserved
D1, D2, D3, D4, D5	5			LTST-C170GKT	Lite-On	LED
J1	1			CH87202V100	CVLUX	20p/2,54/DIP
J2, J4, J20, J28, J29	5			MLE 110 01 G DV	SAMTEC	2x10 pitch 1mm
J3, J5	2			CH31-042V200	CLILUX	Header1X4
J21, J22, J26	3			CH31-032V200	CLILUX	Header1X3
JP1, JP2, JP3, JP4, JP5	5			CH31-022V200	CLILUX	Header1X2
J7, J36	2			CH81022V200	CLILUX	Header2X2
J6	1			20020327-C031B01LF	FCI	
J8	1			1734351-1	TE Connectivity	
J9	1			DM3D-SF	HRS	
J10	1			5787745-1	TE Connectivity	Conn USB
J11	1			MUSB-BS-5B-U	TYCO	
J12, J13, J14, J15, J17, J19, J27	7			MLE 120 01 G DV	SAMTEC	2x20
J16	1			MLE 125 01 G DV	SAMTEC	2X25PINS
J18	1			DF14-30P-1.25H	Hirose Electric Co	

J23, J24	2			SJ-2523-SMT-TR	CUI	
J25	1			500254-1927	MOLEX	
J30	1			15-24-4449	MOLEX	
J31	1			10018783-10200TLF	FCI	
J32	1			6339191-4-ND	TE Connectivity	
J33	1			678005003	MOLEX	
J34	1	MXM_3.0_PCB_con		AAA-MXM-008-P04-A	LOTES	MXM 3.0 Connector (314Pin)
J35	1			KLD-0202	KYCON	
L2, L3, L4, L5, L6, L7, L8, L9, L12	9	0402_O	120 Ohm	BLM15AG121SN1D	MURATA	
L10, L11, L1	3			BLM18AG102SN	MURATA	
L13	1		4,7uH	7447713047	wurth elektronik	
Q1, Q2, Q3, Q4	4	SOT-23		MMBTA42,215	NXP Semiconductors	
R184, R185, R186, R187, R188, R189, R190, R191, R28, R165, R166, R167	8	0402_O	0	RC105J0RCS	Vishay	
R19, R23, R26, R27, R162	4	0402_O	120	CRCW0402120RFKED	Vishay	
R152, R153	5	0402_O	150	CRCW0402150RFKED	Vishay	
R1, R2, R3, R4, R103, R116, R117, R119, R120, R121, R122	2	0402_O	49,9 1%	CRCW040249R9FKED	Vishay	
R98	11	0402_O	1k	CRCW04021K00JNED	Vishay	
R170	1	0402_O	1k	CRCW04021K00JNED	Vishay	not mounted
R9, R12, R13, R29, R31, R32, R33, R34, R35, R36, R124, R125	1	0402_O	1k37 1%	CRCW04021K37FKTD	Vishay	
R127	12	0402_O	4k7	CRCW04024K70JNED	Vishay	
R5, R6, R7, R14, R16, R18, R22, R24, R25, R37, R39, R43, R45, R46, R47, R48, R52, R97, R118, R123, R128, R130, R132, R164, R192, R193, R194, R195	1	0402_O	4,99k 1%	CRCW04024K99FKED	Vishay	
R102, R115,	28	0402_O	10k	CRCW040210K0FKED	Vishay	
R169	2	0402_O	10k	CRCW040210K0FKED	Vishay	not mounted
R171	1	0402_O	20k	CRCW040220K0FKED	Vishay	
R126	1	0402_O	750k	CRCW0402750KFKTD	Vishay	
R17	1	0402_O	1M	CRCW04021M00FKED	Vishay	
R20, R21	1	0402_O		RC105J0RCS		not mounted
	2	0402_O				not mounted
R38, R40, R44, R54, R74, R80, R105, R108, R112, R154	10	0603_O	0	RC1608J0RCS	Vishay	
R184, R185, R186, R187, R188, R189, R190, R191, R101, R104, R106, R107, R109, R110, R111, R113, R114, R183	18	0603_O	0	RC1608J0RCS	Vishay	not mounted
R155, R156, R136, R137, R138, R139, R140, R141, R142, R143	10	0603_O	0	RC1608J0RCS	Vishay	
R53, R76, R77, R78, R81, R84, R88	6	0603_O	0	RC1608J0RCS	Vishay	not mounted, tuning
R173, R174, R175, R176, R177, R178, R179, R180, R181, R182	10	0603_O	0	RC1608J0RCS	Vishay	not mounted, tuning

R63, R64, R65, R67, R70, R72, R99, R100, R144, R145, R146, R147	12	0603_O	22	CRCW060322R0FKEA	Vishay	
R148, R149, R150, R151	4	0603_O	75	CRCW060375R0FKEA	Vishay	
R158, R159	2	0603_O	220	CRCW0603220RFKEA	Vishay	
R79	1	0603_O	887 1%	CRCW0603887RFKEA	Vishay	
R60, R61, R62	3	0603_O	1k8	CRCW06031K80JNEA	Vishay	
R85, R86	2	0603_O	2k2	CRCW06032K20JNEA	Vishay	
R172	1	0603_O	3k	CRCW06033K00FKEA	Vishay	
R68, R71, R73, R75, R157, R91	6	0603_O	4k7	CRCW06034K70JNEA	Vishay	
R51, R55, R56, R57, R58, R59, R66, R83, R87, R89, R90, R129, R131, R133, R134, R135, R160, R92, R93	19	0603_O	10k	CRCW0603100KFKEA	Vishay	
R69	1	0603_O	12k	CRCW060312K0FKEA	Vishay	
R41, R42, R49, R50, R94, R95, R96	7	0603_O	39k	CRCW060339K0FKEA	Vishay	
R168	1	0603_O	100k	CRCW0603100KFKEA	Vishay	
R163	1	0603_O				not mounted, tuning
S1	1			TACT-64K-F		
SW1, SW2, SW3	3	smt_switch4		ADF04S04	TE Connectivity	not mounted
U1, U3, U4	3	SC-70		74V1G08CTR	STMicroelectronics	
U2	1	SOT143		STM6315RBW13F	STMicroelectronics	
U5	1		12,288 MHz	CB3LV-3C-12M2880	CTS	
U6	1	SO16		M25P64-VMF6P	Micron	
U7	1	SO8		MAX3485CSA+	Maxim	
U8	1	TSSOP 28		ST3243ECTR-E	STMicroelectronics	
U9, U11, U12, U14	4	SOT353-1		SN74LVC1G126DCKR	Texas Instruments	
U10	1	CB3LV-3C-12M	12 MHz	CB3LV-3C-12M	CTS	
U13	1	QFN16L		STMPE801QTR	STMicroelectronics	not mounted
U15	1	TSSOP8(DS)		M24C16-RMN6TP	STMicroelectronics	
U16	1	TSC2007		TSC2007IPW	TI	
U17	1	VQFPN52_SAT529		STA529Q	STMicroelectronics	
U18	1	AD9889		AD9889BBCPZ-80	Analog Devices	
U19, U20, U21, U22	4	SOT666_HDMIULC6-2x6		HDMIULC6-2P6	STMicroelectronics	
U23	1	SOT666_HDMIULC6-2x6		HDMIULC6-4SC6	STMicroelectronics	not mounted
U24	1	TSSOP56		DS90CF383BMT/NOPB	NXP Semiconductors	
U25	1	QFN_KSZ9021RN		KSZ9021RN	Micrel	
U26	1	TSSOP16		ICS557G-03LFT	IDT	
U27	1	H5084NL		H5084NL	Pulse	
U28	1	SOT-223		LD1117S18TR	STMicroelectronics	
U29	1	SOT-223		LD1117DT28TR	STMicroelectronics	
U30	1	SOT-223		LD1117S33CTR	STMicroelectronics	
U31	1	SO8		SIC413CB-T1-E3	Vishay	

Y1, Y2	2	ABM2-25M	25.000MHZ	ABM2-25.000MHZ-D4Y-T	Abracon	
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