RAB4-RTK Rev0 BOM

Part Description Ceramic Capacitor	0 '6' '	Iv. i	ln · ·	le	lo .::	la c	lar (, , , , , , , , , , , , , , , , , ,	lo "	Io " , ,
Ceramic Capacitor	Specification	Value	Designator			Manufacturer	Manufacturer Part No.		Supplier part number
Companie Companie	X5R, 6.3V, 10%	1uF	C1, C2, C7, C39	C0402		Samsung EM	CL05A105KQ5NNNC		KKK18264
Ceramic Capacitor	NP0, 50V, 5%	33pF	C3, C4, C5, C6, C9,	C0402	38	AVX	04025A330JAT2A	Rutronik	KKK13594
			C10, C11, C12, C22,						
			C27, C30, C31, C43,						
			C44, C47, C48, C49,						
			C50, C51, C52, C54,						
			C55, C57, C58, C59,						
			C60, C67, C68, C69,						
			C70, C75, C76, C77,						
			C78, C83, C84, C85,						
			C86						
0	V/7D 05V 400/	47.5	00	00.400		LACT	0040004701/000407007	D. (1	1/1/1/00704
Ceramic Capacitor	X7R, 25V, 10%	4.7nF	C8	C0402		KEMET	C0402C472K3RAC7867		KKK26721
Ceramic Capacitor	X7R, 50V, 10%	100nF	C13, C16, C18, C23,	C0402	30	Yageo	CC0402KRX7R9BB104	Rutronik	KKK23619
			C24, C28, C32, C36,						
			C38, C40, C45, C46,						
			C53, C56, C63, C64,						
			C65, C66, C71, C72,						
			C73, C74, C79, C80,						
			C81, C82, C87, C88,						
			C89, C90						1
									1
									1
Niobium Oxide Capacitor	6.3V, 20%	47uF	C14	Case-B	4	AVX	NOJB476M006RWJ	Dutrosil	KTA6684
	,								
Ceramic Capacitor	X5R, 6.3V, 10%	22u ⊦	C15, C29, C33, C35,	C0805	7	Samsung EM	CL21A226KQQNNNG	Kutronik	KKS2632
			C37, C41, C62						
									1
Ceramic Capacitor	NP0, 50V, 5%	100pF	C17, C19, C21, C25,	C0402	5	Yageo	CC0402JRNPO9BN101	Rutronik	KKK12260
- Samue Sapaonoi	5, 55 7, 576	1.556.	C42	-3.3-			ODITION		
Dalumana Elantuali dia Camanitan	0.01/.000/	000F		Casa B			T520B227M006ATE070	Dutanili	KTA 0504
Polymer Electrolytic Capacitor	6,3V 20%	220uF	C26	Case-B		KEMET			KTA8521
Ceramic Capacitor	X7R, 50V, 5%	330pF	C34	C0402		Yageo	CC0402KRX7R9BB331		KKK15237
Tantalum Capacitor	6,3V 20%	1000uFx6.3V	C61	7361-38	1	AVX	TPSV108M006R0040	Rutronik	KTA6307
Nano SIM Holder	6 pins	104224-0820	CON1	104224-0820	1	molex	104224-0820	Rutronik	SIMCRD1016
TVS Diode	5V, 0.225kW	DFLT5V0A-7	D1	PowerDI123		Diodes Inc.	DFLT5V0A-7		DTRL9639
TOPLED® E1608	GREEN, 20mA		D2, D6, D7	KG DELLS GREEN		OSRAM	KGDELLS1.22-JGKH-24-0-2-S		
Small signal Schottky diode	30V, 0.2A	BAT54WT-7	D3, D4	SOD-523	1	Diodes Inc.	BAT54WT-7		DSKY5741
ESD Diode	0.25pF, 14V	PESD0402-140	D5, D8	PESD0402	2	Littelfuse	PESD0402-140	Rutronik	DTRL11783
High I ² t Chip fuse	32V, 2A	CC12H2A-TR	F1, F2	FUSE1206	2	EATON	CC12H2A-TR	Rutronik	FUSE10755
Inductor	5%, 180mA	68nH	L1, L2	L0402	2	MuRata	LQG15HN68NJ02D	Rutronik	IND10329
Ferrite Bead	120R, 2A	BLM18PG121SH1D	L3	L0603		muRata	BLM18PG121SH1D	Rutronik	
Arduino Connector		RS1-A5-10-G-SGM394-HT	P1	HDR1X10 ARDUINO	1	Adam Tech	RS1-A5-10-G-SGM394-HT		RS1-A5-10-G-SGM394-HT
					1				
USB C DUAL SMT ON BOARD		DX07S016JA1R1500	P2	DX07S016JA1R1500	1	JAE	DX07S016JA1R1500		CONN3002
Arduino Connector	8 pos. 2,54mm	RS1-A5-08-G-SGM394-HT	P3, P5	HDR1X8_ARDUINO	2	Adam Tech	RS1-A5-08-G-SGM394-HT	Rutronik	RS1-A5-08-G-SGM394-HT
Arduino Connector	6 pos. 2,54mm	RS1-A5-06-G-SGM394-HT	P4	HDR1X6_ARDUINO	1	Adam Tech	RS1-A5-06-G-SGM394-HT	Rutronik	RS1-A5-06-G-SGM394-HT
SMA Connector	Fermale	73391-0083	P6, P7, P8, P9	73391-0083	4	molex	73391-0083	Rutronik	73391-0083
N-Channel MOSFET	20V, 0.63A	DMG1012T-7	Q1, Q2, Q3, Q4, Q5,			Diodes Inc.	DMG1012T-7		TMOSS6623
N Onamici Wool E1	201, 0.00/	DING TOTE T	Q6, Q7	001 020_custom	,	Diodes inc.	DINIG 10121 7	T COLITOT III	1W0000029
TILLET D	50/ 0.00014/	414		D0 400		\ <u>'</u>	D00400 ID 07414	D ("	WD 000000
Thick Film Resistor	5% 0,063W	1K	R1, R7, R21	R0402		Yageo	RC0402JR-071KL		WRC33833
Thick Film Resistor	5% 0,063W	5.1K	R2, R3	R0402	2	ASJ	CR10-512-JK	Rutronik	WRC54946
Thick Film Resistor	5% 0,063W	10K	R4, R6, R8, R9, R10,	R0402	7	ASJ	CR10-103-JK	Rutronik	WRC40976
			R36, R37						
Thick Film Resistor	5% 0,063W	1M	R5	R0402	1	ASJ	CR10-105-JK	Dutropile	WRC35254
					1				
Thick Film Resistor	1% 0,063W	75K	R12	R0402	1	ASJ	CR10-7502-FK		WRC50183
Thick Film Resistor	1% 0,063W	49.9K	R13, R15, R18, R19,	R0402	5	Yageo	RC0402FR-0749K9L	I Dutropile	WRC34049
THICK THITT TOOLSTO			ID oo					Kullolik	i .
THICK I IIII TRESISTO			R23						
Thick Film Resistor	1% 0,063W	150K	R23 R14	R0402		Yageo	RC0402FR-07150KL		WRC34764
Thick Film Resistor			R14		1			Rutronik	
Thick Film Resistor Thick Film Resistor	1% 0,063W	20K	R14 R16	R0402	1	ASJ	CR10-2002-FN	Rutronik Rutronik	WRC53526
Thick Film Resistor Thick Film Resistor Thick Film Resistor	1% 0,063W 1% 0,063W	20K 470K	R14 R16 R17	R0402 R0402	1 1 1	ASJ Yageo	CR10-2002-FN RC0402FR-07470KL	Rutronik Rutronik Rutronik	WRC53526 WRC34703
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor	1% 0,063W 1% 0,063W 5% 0,063W	20K 470K 0R	R14 R16 R17 R26, R27, R30, R33	R0402 R0402 R0402	1 1 1 1 4	ASJ Yageo Yageo	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL	Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031
Thick Film Resistor Low Capacitance Multilayer Varistor	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ	20K 470K 0R USB0002DP	R14 R16 R17 R26, R27, R30, R33 RV1	R0402 R0402 R0402 USB0002	1 1 1 4	ASJ Yageo Yageo AVX	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP	Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535
Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K	1% 0,063W 1% 0,063W 5% 0,063W	20K 470K 0R USB0002DP	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2	R0402 R0402 R0402 USB0002 EVQPUA	1 1 1 4	ASJ Yageo Yageo	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308
Thick Film Resistor Low Capacitance Multilayer Varistor	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ	20K 470K 0R USB0002DP	R14 R16 R17 R26, R27, R30, R33 RV1	R0402 R0402 R0402 USB0002	1 1 1 4 1 2	ASJ Yageo Yageo AVX Panasonic	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535
Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle	20K 470K 0R USB0002DP s, EVQPUC02K	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4,	R0402 R0402 R0402 USB0002 EVQPUA	1 1 1 4 1 2	ASJ Yageo Yageo AVX	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308
Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle	20K 470K 0R USB0002DP s, EVQPUC02K	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7,	R0402 R0402 R0402 USB0002 EVQPUA	1 1 1 4 1 2	ASJ Yageo Yageo AVX Panasonic	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308
Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle	20K 470K 0R USB0002DP s, EVQPUC02K	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10,	R0402 R0402 R0402 USB0002 EVQPUA	1 1 1 4 1 2	ASJ Yageo Yageo AVX Panasonic	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308
Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle	20K 470K 0R USB0002DP s, EVQPUC02K	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13,	R0402 R0402 R0402 USB0002 EVQPUA	1 1 1 4 1 2	ASJ Yageo Yageo AVX Panasonic	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308
Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle	20K 470K 0R USB0002DP s, EVQPUC02K	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16,	R0402 R0402 R0402 USB0002 EVQPUA	1 1 1 4 1 2	ASJ Yageo Yageo AVX Panasonic	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308
Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle	20K 470K 0R USB0002DP s, EVQPUC02K	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13,	R0402 R0402 R0402 USB0002 EVQPUA	1 1 1 4 1 2	ASJ Yageo Yageo AVX Panasonic	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308
Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle	20K 470K 0R USB0002DP s, EVQPUC02K	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19,	R0402 R0402 R0402 USB0002 EVQPUA	1 1 1 4 1 2	ASJ Yageo Yageo AVX Panasonic	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308
Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle	20K 470K 0R USB0002DP s, EVQPUC02K	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24,	R0402 R0402 R0402 USB0002 EVQPUA	1 1 1 4 1 2	ASJ Yageo Yageo AVX Panasonic	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W	20K 470K 0R USB0002DP EVQPUC02K 0R	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25	R0402 R0402 R0402 USB0002 EVQPUA SB_0402	1 1 1 4 1 2 22	ASJ Yageo Yageo AVX Panasonic Yageo	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W	20K 470K 0R USB0002DP E, EVQPUC02K 0R JS202011JCQN	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1	R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN	1 1 1 4 1 2 22	ASJ Yageo Yageo AVX Panasonic Yageo	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03	20K 470K 0R USB0002DP E, EVQPUC02K 0R JS202011JCQN P/N5019	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1	R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone	1 1 1 4 1 2 22	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03	20K 470K 0R USB0002DP E, EVQPUC02K 0R JS202011JCQN	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1	R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN	1 1 1 4 1 2 22	ASJ Yageo Yageo AVX Panasonic Yageo	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL	Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point LTE C1 THREADX GNSS with 2G/3G Fallback	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03 LTE C1, 2G, 3G	20K 470K 0R USB0002DP EVQPUC02K 0R JS202011JCQN P/N5019 LE910C1WX03T037100	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1 U1	R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone XCVR_LE910C1WX03T037100	1 1 1 4 1 2 22	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics Telit Cinterion	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019 LE910C1WX03T037100	Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031 SWITCH10809 BAT4950 GSM2137
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point LTE C1 THREADX GNSS with 2G/3G Fallback RTK GNSS All-constellation Multi-frequency	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03 LTE C1, 2G, 3G 3.3V, 180mA	20K 470K 0R USB0002DP EVQPUC02K 0R JS202011JCQN P/N5019 LE910C1WX03T037100 UM980	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1 U1 U2	R0402 R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone XCVR_LE910C1WX03T037100 UM980	1 1 4 1 2 22 1 1 1 1	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics Telit Cinterion UNICORE COMMUNICATIONS	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019 LE910C1WX03T037100 UM980	Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031 SWITCH10809 BAT4950 GSM2137 GPS1468
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point LTE C1 THREADX GNSS with 2G/3G Fallback RTK GNSS All-constellation Multi-frequency 2.0A Inductor Built-in Step-Down DC/DC Converter	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03 LTE C1, 2G, 3G 3.3V, 180mA 6V, 2A	20K 470K 0R USB0002DP EVQPUC02K 0R JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1 U1 U2 U3	R0402 R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone XCVR_LE910C1WX03T037100 UM980 MYRGM080200	1 1 4 1 2 22 22	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics Telit Cinterion UNICORE COMMUNICATIONS MuRata	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA	Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031 SWITCH10809 BAT4950 GSM2137 GPS1468 MYRGM080200X41RA
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point LTE C1 THREADX GNSS with 2G/3G Fallback RTK GNSS All-constellation Multi-frequency 2.0A Inductor Built-in Step-Down DC/DC Converter Inductor Built-in Step-Down "mini DC/DC" Converter	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03 LTE C1, 2G, 3G 3.3V, 180mA 6V, 2A 6V, 600mA	20K 470K 0R USB0002DP E, EVQPUC02K 0R JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1 U1 U2 U3 U4	R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone XCVR_LE910C1WX03T037100 UM980 MYRGM080200 MYRGP080060	1 1 4 1 2 22 22	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics Telit Cinterion UNICORE COMMUNICATIONS MuRata MuRata MuRata	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF	Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031 SWITCH10809 BAT4950 GSM2137 GPS1468 MYRGM080200X41RA MYRGP080060W21RF
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point LTE C1 THREADX GNSS with 2G/3G Fallback RTK GNSS All-constellation Multi-frequency 2.0A Inductor Built-in Step-Down DC/DC Converter Inductor Built-in Step-Down "mini DC/DC" Converter Load Switch IC with Over current limited function	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03 LTE C1, 2G, 3G 3.3V, 180mA 6V, 2A 6V, 600mA 0.4A, 5.5V	20K 470K 0R USB0002DP EVQPUC02K 0R JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF TCK22946G,LF	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1 U1 U2 U3 U4 U5	R0402 R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone XCVR_LE910C1WX03T037100 UM980 MYRGM080200 MYRGP080060 WCSP6E	1 1 4 1 2 22 22	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics Telit Cinterion UNICORE COMMUNICATIONS MuRata MuRata TOSHIBA	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF TCK22946G,LF	Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031 SWITCH10809 BAT4950 GSM2137 GPS1468 MYRGM080200X41RA MYRGP080060W21RF ICGDRV1398
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point LTE C1 THREADX GNSS with 2G/3G Fallback RTK GNSS All-constellation Multi-frequency 2.0A Inductor Built-in Step-Down DC/DC Converter Inductor Built-in Step-Down "mini DC/DC" Converter	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03 LTE C1, 2G, 3G 3.3V, 180mA 6V, 2A 6V, 600mA	20K 470K 0R USB0002DP E, EVQPUC02K 0R JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1 U1 U2 U3 U4	R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone XCVR_LE910C1WX03T037100 UM980 MYRGM080200 MYRGP080060	1 1 4 1 2 22 22	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics Telit Cinterion UNICORE COMMUNICATIONS MuRata MuRata MuRata	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF	Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031 SWITCH10809 BAT4950 GSM2137 GPS1468 MYRGM080200X41RA MYRGP080060W21RF
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point LTE C1 THREADX GNSS with 2G/3G Fallback RTK GNSS All-constellation Multi-frequency 2.0A Inductor Built-in Step-Down DC/DC Converter Inductor Built-in Step-Down "mini DC/DC" Converter Load Switch IC with Over current limited function	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03 LTE C1, 2G, 3G 3.3V, 180mA 6V, 2A 6V, 600mA 0.4A, 5.5V	20K 470K 0R USB0002DP EVQPUC02K 0R JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF TCK22946G,LF	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1 U1 U2 U3 U4 U5 U6, U8, U9, U10,	R0402 R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone XCVR_LE910C1WX03T037100 UM980 MYRGM080200 MYRGP080060 WCSP6E	1 1 4 1 2 22 22	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics Telit Cinterion UNICORE COMMUNICATIONS MuRata MuRata TOSHIBA	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF TCK22946G,LF	Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031 SWITCH10809 BAT4950 GSM2137 GPS1468 MYRGM080200X41RA MYRGP080060W21RF ICGDRV1398
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point LTE C1 THREADX GNSS with 2G/3G Fallback RTK GNSS All-constellation Multi-frequency 2.0A Inductor Built-in Step-Down DC/DC Converter Inductor Built-in Step-Down "mini DC/DC" Converter Load Switch IC with Over current limited function	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03 LTE C1, 2G, 3G 3.3V, 180mA 6V, 2A 6V, 600mA 0.4A, 5.5V	20K 470K 0R USB0002DP EVQPUC02K 0R JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF TCK22946G,LF	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1 U1 U2 U3 U4 U5 U6, U8, U9, U10, U11, U12, U13, U14,	R0402 R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone XCVR_LE910C1WX03T037100 UM980 MYRGM080200 MYRGP080060 WCSP6E	1 1 4 1 2 22 22	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics Telit Cinterion UNICORE COMMUNICATIONS MuRata MuRata TOSHIBA	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF TCK22946G,LF	Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031 SWITCH10809 BAT4950 GSM2137 GPS1468 MYRGM080200X41RA MYRGP080060W21RF ICGDRV1398
Thick Film Resistor Thick Film Resistor Thick Film Resistor Thick Film Resistor Low Capacitance Multilayer Varistor EVQPUC02K Thick Film Resistor VERTICAL MOUNT SMT - J BEND SMT Test Point LTE C1 THREADX GNSS with 2G/3G Fallback RTK GNSS All-constellation Multi-frequency 2.0A Inductor Built-in Step-Down DC/DC Converter Inductor Built-in Step-Down "mini DC/DC" Converter Load Switch IC with Over current limited function	1% 0,063W 1% 0,063W 5% 0,063W 18V, 4A, 15mJ 1.6N, Right Angle 5% 0,063W 6V DC, 0.3A 3.81*2.03 LTE C1, 2G, 3G 3.3V, 180mA 6V, 2A 6V, 600mA 0.4A, 5.5V	20K 470K 0R USB0002DP EVQPUC02K 0R JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF TCK22946G,LF	R14 R16 R17 R26, R27, R30, R33 RV1 S1, S2 SB1, SB2, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB15, SB16, SB17, SB18, SB19, SB20, SB21, SB24, SB25 SW1 TP1 U1 U2 U3 U4 U5 U6, U8, U9, U10,	R0402 R0402 R0402 USB0002 EVQPUA SB_0402 JS202011JCQN 5019_keystone XCVR_LE910C1WX03T037100 UM980 MYRGM080200 MYRGP080060 WCSP6E	1 1 4 1 2 22 22	ASJ Yageo Yageo AVX Panasonic Yageo C&K Keystone Electronics Telit Cinterion UNICORE COMMUNICATIONS MuRata MuRata TOSHIBA	CR10-2002-FN RC0402FR-07470KL RC0402JR-070RL USB0002DP EVQPUC02K RC0402JR-070RL JS202011JCQN P/N5019 LE910C1WX03T037100 UM980 MYRGM080200X41RA MYRGP080060W21RF TCK22946G,LF	Rutronik	WRC53526 WRC34703 WRC34031 WVDR3535 SWITCH10308 WRC34031 SWITCH10809 BAT4950 GSM2137 GPS1468 MYRGM080200X41RA MYRGP080060W21RF ICGDRV1398