













Comment	Description	Designator	Footprint	LibRef	Quantity	Part Number	PartNumber	Case Code	Package / Case	Datasheet URL
PushButton 3x6x2.5	bescription .	B1	PushButton 3x6x2.5	CMP-011-00013-4	1	Tart Number	Tartivaribei	(Imperial)	Tackage / case	Datasreet OKE
SMD			SMD-Footprint-1 CAPC1005X56X25LL10		1	0403VD104V4T34				
100nF		C1, C6, C7	T15 CAPC2013X145X50LL2	CMP-2008-02842-1	3	0402YD104KAT2A C0805C105K4PAC				
1uF		C2, C4, C5, C8	0T25	CMP-2007-01016-1	4	TU				http://download.s
10uF	Multilayer Ceramic Chip Capacitor, 10 uF, +/- 10%, 10 V, - 55 to 125 degC, 0805 (2012 Metric), RoHS, Tape and Reel	C3, C9	CAPC2013X145X20ML 20	CMP-2000-05452-1	2				0805(2012Metric)	iliconexpert.com/ pdfs/2015/4/21/1 5/54/45/779/tdk_ /manual/3702485 0441143360mlcc_ commercial_gener al_en.pdf
100nF	Chip Capacitor, 0.1 uF, +/- 10%, 50 V, -55 to 125 degC, 0603 (1608 Metric), RoHS, Tape and Reel	C10	CAPC1608X90X20LL10	CMP-2000-07546-1	1			0603		https://product.td k.com/info/en/cat alog/datasheets/ mlcc_automotive_ general_en.pdf
4.3pF		C11, C12	CAPC1608X90X35LL10 T15	CMP-2006-02448-1	2	GQM1885C2A4R3 BB01D				
1nF		C13	CAPC1005X55X25LL05 T05	CMP-2008-01229-1	1	VJ0402Y102KXXC W1BC				
BAT current	Male Header, Pitch 2.54 mm, 1 x 2 Position, Height 8.21 mm, Tail Length 3.05 mm, -65 to 105 degC, RoHS, Bulk	.12	TECO-5-146280-2_V	CMP-2000-07492-1	1					http://www.te.co m/commerce/Doc umentDelivery/DD EController?Actio n=showdoc&Doc! d=Customer+Draw ing%7F146280%7F H1%7Fpdf%7FEngl ish%7FENG_CD_1 46280_H1.pdf%7F 5-146280-2
DEV CUR	Male Header, Pitch 2.54 mm, 1 x 2 Position, Height 8.21 mm, Tail Length 3.05 mm, -65 to 105 degC, RoHS, Bulk	13	TECO-5-146280-2_V	CMP-2000-07492-1	1					http://www.te.co m/commerce/Doc umentDelivery/DD EController?Actio n=showdoc&Docd d=Customer-Draw ing%7F146280%7F H1%7Fpdf%7FENG_CD_1 46280_H1.pdf%7F 5-146280-F
RC-SM1276-868	https://www.radiocontrolli.com/i t/componente/97/rc-sm1276-868	LoRa	RC-SM1276-868	CMP-021-00007-1	1					
20p header	THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Single Row, 20 pins	P1, P3	61302011121	CMP-1502-01102-1	2	61302011121				https://katalog.we online.de/em/dat asheet/6130xx111 21.pdf
SWD header 2.54	THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Single Row, 5 pins	P2	61300511121	CMP-1502-01068-1	1	61300511121				https://katalog.we- online.de/em/dat asheet/6130xx111 21.pdf
100K	Chip Resistor, 100 KOhm, +/- 1%, 0.63 W, -55 to 155 degC, 0402 (1005 Metric), RoHS, Tape and Reel	R3	RESC1005X40X25ML0 5T05	CMP-2002-08123-2	1			0402		
4.7k	Chip Resistor, 4.7 KOhm, +/- 1%, 0.1 W, -55 to 155 degC, 0402 (1005 Metric), RoHS, Tape and Reel	R4, R5	RESC1005X40X25LL05 T05	CMP-1665-00031-3	2		ERJ-2RKF4701X	0402		
OR		R6	RESC1005X40X25ML0 5T10	CMP-2002-08060-1	1	RC0402JR-130RL				
1.2ΜΩ	RES Thick Film, 1.2MΩ, 1%, 0.1W, 100ppm/°C, 0603	R8	FP-CRCW0603-e3- IPC_A	CMP-2000-03023-2	1			0603		
3.24ΜΩ	RES Thick Film, 3.24MΩ, 1%, 0.1W, 100ppm/°C, 0603	R9	FP-CRCW0603-e3- MFG	CMP-2000-03317-2	1			0603		
STM32L072RZT6	No Description Available	U1	LQFP64-10x10mm	STM32L072RZT6	1					
MCP1700T-3302E/TT	Low Quiescent Current LDO, 3-Pin SOT-23, Extended Temperature, Tape and Reel	U2	SOT-23-TT3_N	CMP-0136-00791-1	1					
BME280	SENSOR PRESSURE HUMIDITY TEMP	U3	FP-BME280-MFG	CMP-191074-000001-	1					
ABS25-32.768KHZ-6-T	Low Frequency Crystal, 32.768 KHz, 6 pF, +/- 20 ppm, -40 to 85 degC, 4-Pin SMD, RoHS, Tape and Reel	X1	ABRA-ABS25-4_V	CMP-2000-05036-1	1				8mmx3.8mm	https://datasheet. ciiva.com/854/abs 25-854528.pdf