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ine#	Name 4.7uF	Multilayer Ceramic Capacitors MLCC - SMD/SMT 4.7 uF 10 VDC 20% 0402	Designator C1, C3	Revision ID	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1 GRIV31CR61A475KA01L	Not Recommended for New Design	Supplier 1 Digikey	Supplier Part Number 1 490-9756-1-ND	Supplier Unit Price 1	Supplier Subtotal 1
	1uF	XSR Multilayer Ceramic	C2, C4, C5			3	Trageo	DCO402KRXSR6BB105	Volume Production	Digikey	311-1439-1-ND	0,017	0,1:
	D402X7R104KT7AT	CV Multilayer Ceramic	C6			1	Kyocera AVX	0402X7R104KT7AT		Mouser	581-0402X7R104KT7AT	0,27	0,2
	0.1uF	Multilayer Ceramic	C7, C8, C21, C24			4	Murata	GRM155R71C104KA88D	Volume Production	Digikey	490-3261-1-ND	0,006	0,08
	1uF	Multilayer Ceramic Capacitors MLCC - SMD/SMT 10V 1uF XSR 0402 10% HI	C22			1	Yageo	DCD402KRXSR68B105	Volume Production	Digikey	311-1439-1-ND	0,08	0,08
	0.1uF	Multilayer Ceramic Capacitors MLCC - SMD/SMT 16V 0.1uF X7R 10%	C23			1	Murata	GRM155R71C104KA88D	Volume Production	Digikey	490-3261-1-ND	0,08	0,08
	STN161050U852	0.1uF X7R 10% TVS Diode (Uni- directional)	D1			1	Eaton Bussmann	STN161050U852		Digikey	283-STN161050U852CT- ND	0,37	0,37
	BQ24075TRGTR	Gerenciadores de bateria 1.5A USB- Friendly Li Ion Batt Charger	IC1			1	Texas Instruments	BQ24075TRGTR	Volume Production	Digikey	296-25609-1-ND	2,14	2,14
	TPS7A2112PQWDSGRQ1	IDO Voltage Risgulators Automotive, 500mA, low-noise ultra-low-ID high- PSRR low- dropout (LDO) voltage regulator	IC2			1	Texas Instruments	TPS7A2112PQWDSGRQ1		Digikey	296- TPS7A2112POW0SGRQ1 CT-ND	0,77	0,77
	DRV2603RUNT	Motor / Motion / Ignition Controllers & Drivers Haptic Driver w/Auto Resonance Tracking	103			1	Texas Instruments	DRV2603RUNT	Volume Production	Digikey	296-DRV2603RUNTCT-ND	1,62	1,62
	BM1270	IMUs - Inertial Measurement Units Smart Ultra- Low Power Inertial Measurement Unit (IMU) for Wearable Applications	IC4			1	Bosch Sensortec	BIMI 270		Future Electronics	9111534	3,97	3,97
	APDS-9306-065	Ambient Light Sensors Digital Ambient Light Sensor	IC6			1	Broadcom Avago	APDS-9306-065	Volume Production	Mouser	630-APDS-9306-065	0,95	0,95
	ATZ5SF041B-SSHD-B	NOR Flash 4 Mbit, 3.0V (2:5V to 3.6V), -40C to 85C, SOIC-N 150mil (Tube), Single, Dual, Quad SPI NOR Flash	107			1	Dialog Semiconductor	ATZSSF041B-SSHD-B		Digikey	1695-AT25SF041B-SSHD- B-ND	0,38	0,38
	USB-C	USB Connector, 16 Contact(s), Female, Right Angle, Surface Mount Terminal, Locking, Receptacle	J1			1	Molex	217179-0001		Farnell	3702965	0,91197	0,91197
	M22-7130742 SPK0641HT4H-1	Connector Microfones MEMS SISONIC MEMS MICROPHONE; Dig Ital!Top:64.5dB SNR;120dB SPL;- 26.+/- 1dBV;3SHz;70dB PSRR;Low Power: 230 / Standard: 630;1.8V	J3 J4			1	Knowles	SPK0641HT4H-1	Volume Production	Mouser	721-SPK0641HT4H-1	1,39	1,35
	FIT0774	Mini Vibration Motor	м			,	DFRobot	FIT0774		Digikey	1738-FIT0774-ND	0,99	0,95
	DMG1013UW-7	(10°2.7MM) MOSFET (P-	01			١.,	Diodes	DMG1013UW-7	Volume Production	Mouser	621-DMG1013UW-7	0,23	0,23
	5.1k	Channel) Fixed Resistor, Metal Glaze/thick Film, 0.063W, 5110ohm, 50V, 0.5% +/-Tol, 50ppm/Cel, Surface Mount, 0402	R1, R2			2	Panasonic	ERI-28HD512X	Obsolete	Mouser	667-ERJ-29HD512X	0,13	0,26
	10k	Resistores de Filme Fino - SMD .063W 10Kohms 0.1% 0402 25ppm	R3, R4, R5, R7			4	Vishay Beyschlag	MCS04029MD10028E100	Volume Production	Digikey	MCS0402-10.0K-MBCT- ND	0,45	1,8
	1.13K	Fixed Resistor, Metal Glaze/thick Film, 0.0625W, 1130ohm, 50V, 1% 4/-Tol, 100ppm/Cel, Surface Mount, 0402	R6			1	Yageo	AF040ZFR-071K13L	Volume Production	Digikey	13-AF0402FR-071K13LCT- ND	0,15	0,15
	4.7K	Anti-Surge AEC-	R11, R12			;	Panasonic	ERJ-PA2F4701X	Volume Production	Digikey	P17228CT-ND	0,19	0,38
	150K	Thick Film Resistors - SMD 1/10W 150K OHM 5%	R13			1	KOA Speer	RK73B1JTTDD154J	Volume Production	Mouser	660-RK7381JTTDD154J	0,11	0,1
	TL6340AF160Q	PCB Hole Cnt, Solder Terminal, Surface Mount- right Angle	51, 52, 53, 54			4	E-Switch	TL6340AF160C	Volume Production	Digikey	141-TL634QAF160QCT-ND	0,51	2,04
	NORA-B106-00B	Bluetooth Modules - 802.15.1 nRF5340, PCB antenna, open CPU	uı				u-blox	NORA-B106-00B	Volume Production	Mouser	377-NORA-B106-00B	9,12	9,12
	1769	Adafruit Accessories JST-	ж			1	Adafruit Industries	1769		Mouser	485-1769	0,75	0,75
	DOCK	Mini SWD 0.05 Pitch Connector -	1/2			1							