











Description Header, 3-Pin,	Designator P_S, U3	Quantity 2	Reference	Supplier	ProjectNam e Quadruped.	Name
[NoValue]	P_S, U3	2			PrjPcb	STM32L476R ET6 - ARM
						Microcontrol ler, Ultra
	U1	1	2494459	Farnell	Quadruped.	Low Power, STM32 Family
					PrjPcb	STM32L4 Series
						Microcontrol lers, 32bit, 90 MHz
						TS1117BCW-
						LDO Voltage Regulator, 0V to 12V,
	U_3V3	1	7208359	Farnell	Quadruped. PrjPcb	1.3V Dropout.
						3.3Vout, 900mAout,
						SOT-223-3 PTH08T231W
						AD - Non Isolated POL DC/DC
	U_5V	1	2383162	Farnell	Quadruped. PrjPcb	Converter, 1 Output, 33 W, 5.5 V, 6 A,
						W, 5.5 V, 6 A, Adjustable, Through
						Hole
Capacitor	C7, C8	2	2320856	Farnell	Quadruped. PrjPcb	Multilayer Ceramic
					нунсь	Capacitor, 0805 GRM32ER60J
						227ME05L - SMD
			0.174500		Quadruped.	Multilayer Ceramic
Capacitor	C11	1	2671588	Farnell	PrjPcb	Capacitor, 1210 [3225 Metric], 220
						μF, 6.3 V, ± 20%, XSR,
						GRM Series T491D337M0
						10AT - Surface Mount
Polarized Capacitor	C9	1	2762172	Farnell	Quadruped. PrjPcb	Tantalum Capacitor.
						330 μF, 10 V, T491 Series, ± 20%, 2917
						[7343 Metric] OCS8.00000F
Quarz Crystal	X1	1	2508478	Farnell	Quadruped. PrjPcb	OCS8.00000F 18823M - Crystal, 8
						MHz, SMD, 12.5mm x 4.6mm, 30
						4.6mm, 30 ppm, 18 pF, 20 ppm, QCS
						Series YAGEO
						(PHYCOMP) RC0805JR- 07270RL
Resistor	R1	1	9233938	Farnell	Quadruped. PrjPcb	SMD Chip Resistor,
						Thick Film, 270 ohm MULTICOMP
						MULTICOMP MCMR08X82 0 JTL SMD
Resistor	R6	1	2073848	Farnell	Quadruped. PrjPcb	Chip Resistor.
						Ceramic, 82 ohm
						(PHYCOMP) RC0805JR-
Resistor	R9	1	9233881	Farnell	Quadruped. PrjPcb	07100RL SMD Chip Resistor.
						Thick Film, 100 ohm,
Resistor	R10, R11	2	9234004	Farnell	Quadruped. PrjPcb	YAGEO (PHYCOMP) BC0805 IR.
						071KL SMD Chip
						Resistor, Thick Film, 1
						kohm TACT 2.5x 3 2P SPST B3U-
	B_RST	1	45-09-96	Lomex	Quadruped. PrjPcb	1000P (OMR) 2 5x3x1 2mm
					i iji co	SMD H=1.2mm 153g
	P_lb_b, P_lb_k					,
	PJbJs, PJfJb, PJfJk,					TÁPCSATL.
	P_If_5; P_rb_b;	12	43-16-04	Lomex	Quadruped. PrjPcb	2.00mm 3P APA 190* NCW200-03S
	P_rb_k, P_rb_s, P_rf_b,					(G-S) FORR.
	P_rf_k P_rf_s					
						SORKAPOCS 2 P RM3.81 CSAPSORLÉC
	P_P	1	43-27-99	Lomex	Quadruped. PrjPcb	90° TLPHC100R-
						02P (TLM) ZÁRT 10A 150V VDE
					Quadruped.	TÁPCSATL 2.54mm 4P
4pin Connector	PDB	1	43-09-96	Lomex	PrjPcb	APA 90° NCW254-04R (G-S) FORR.
						TAPCSATL 2.00mm 4P
4pin Connector	PLIDAR	1	43-17-55	Lomex	Quadruped. PrjPcb	APA 90° B4B- PH-SM4-TB (LF)(SN)
						d GMZ (TZL)
1						2012 BLUE 465nm 170mcd FYLS
Blue LED	D1	1	95-01-58	Lomex	Quadruped. PrjPcb	0805UBC (FYL)
						W.CLEAR 2.0x1.2x0.8m m 0805 130°
Canada	C1 00		00 ***		Quadruped.	100nF 0805 10% 50V X7R
Capacitor	C1, C2	2	82-10-76	Lomex	PrjPcb	0805B104K50 0CT (WAL) 18pF 0805 5%
Capacitor	C5, C6	2	82-08-38	Lomex	Quadruped. PriPcb	50V NPO CL21C180JBA
Fuse	FI	1	44-03-11	Lomex	Quadruped.	NNNC (SAM) Lomex
					PrjPcb	100uF "B" 6.3V 10%
Polarized Capacitor	C10	1	92-01-45	Lomex	Quadruped. PrjPcb	TAJB107K006 RNJ (AVX)
1					i	3528
						2012 RED
D-JUP	D2		0E 0** **		Quadruped.	643nm 28mcd FYLS- 0805HRC
Red LED	D2	1	95-00-19	Lomex	Quadruped. PrjPcb	643nm 28mcd FYLS- 0805HRC (FYL)
Red LED	D2	1	95-00-19	Lomex	Quadruped. PrjPcb	643nm 28mcd FYLS- 0805HRC (FYL) W.CLEAR 2.0x1.2x0.8m m 0805 130°
Red LED Resistor	D2 R2, R3, R4	1	95-00-19 80-11-47	Lomex	Quadruped. PrjPcb Quadruped. PrjPcb	643nm 28mcd FYLS- 0805HRC (FYL) W.CLEAR 2.0x1.2x0.8m m 0805 130° 20K0 0805 1% CR-05FL7 20K 0.125W
Resistor	R2, R3, R4	3	80-11-47	Lomex	PrjPcb Quadruped. PrjPcb	643nm 28mcd FYLS- 0805HRC (FYL) W.CLEAR 2.0x1.2x0.8m m 0805 130° 20K0 0805 1% CR-05FL7 CR-05FL7 (VIK) 0R00 0805 CR
					PrjPcb Quadruped.	643nm 28mcd FYLS- 0805HRC (FYL) W.CLEAR 2.0x1.2x0.8m m 0805 130° 20K0 0805 1% CR-05FL7 20K 0.125W (VIK)
Resistor Resistor	R2, R3, R4 R5	3	80-11-47 81-10-02	Lomex	PriPcb Quadruped. PriPcb Quadruped. PriPcb	643nm 28mcd FYLS- 0805HRC (FYL) W.CLEAR 2.0c1.2x0.8m m 0805 130* 20K0 0805 1% CR-05817 20K 0.125W (VIK) 0800 0805 CR 05117OR 0.125W (VIK) 18v-2A R0805FR R0805 1%
Resistor	R2, R3, R4	3	80-11-47 81-10-02	Lomex	PrjPcb Quadruped. PrjPcb Quadruped.	643nm 28mcd FYLS- 0805HRC (FYL) W.CLEAR 2.01r.2.0x, 8m m 0805 130* 20K0 0805 13* CR-05F12** 20K0 0.125W (VIK) 0800 0805 CR 05LT2** 0.125W (VIK) 18v-2A 160R 0805 TR RC0805FR: 0.7160RL 0.125W
Resistor Resistor	R2, R3, R4 R5	3	80-11-47 81-10-02	Lomex	PriPcb Quadruped. PriPcb Quadruped. PriPcb Quadruped.	642nm 28mcd FYLS- 0005HRC (FYL) W.CLEAR 2.061.2x0.9m m 0805 130* 20K0 0805 19C CR-0561.7
Resistor Resistor	R2, R3, R4 R5	3	80-11-47 81-10-02	Lomex	PriPcb Quadruped. PriPcb Quadruped. PriPcb Quadruped.	643cm 28mcd FYLS- 080548c; (PYL) W.CLEAR 2 0x1, 2x0 8m m 0805 130* 20K0 0805 51; CR-05FL7 20K 0.125W (VIK) 0800 0805 CR 0.125W (VIK) 18m-23 1600 0805 11; 800 0805 11
Resistor Resistor	R2, R3, R4 R5	3	80-11-47 81-10-02 80-01-97	Lomex	PriPcb Quadruped. PriPcb Quadruped. PriPcb Quadruped.	643cm 28mcd FYLS- 0809348C (FYL) W.CLEAR 2 0x1, 2x0 8m 0805 130° 20K 0 8805 130° 20K 0 8805 17, 20K 0, 125W (VIK) 0800 0805 CR 0. 125W (VIK) 18v-2A 1. 160R 0805 FR 0. 71508 0. 125W (VIK) 2012 YELLOW 950cm 0. 2000 CR
Resistor Resistor	R2, R3, R4 R5	1	80-11-47 81-10-02 80-01-97	Lomex Lomex Lomex	PrjPcb Quadruped. PrjPcb Quadruped. PrjPcb Quadruped. PrjPcb	6430m 28mcd FYLS- 08054RC (FYL) W. CLEAR 2.0x1.2x0.8m 0805 130° 20K0 0805 1% CR-05617
Resistor Resistor	R2, R3, R4 R5 R13 D5	1	80-11-47 81-10-02 80-01-97 95-03-84	Lomex Lomex Lomex Mouser	PrijPcb Cusdruped. PrijPcb Cusdruped. PrijPcb Cusdruped. PrijPcb Cusdruped. PrijPcb Cusdruped.	643mm 543md FNL: 60054RC: 60054RC: 60054RC: 60154RC: 6015
Resistor Resistor	R2, R3, R4 R5 R13	1	80-11-47 81-10-02 80-01-97	Lomex Lomex Lomex	PrijPcb Quadruped. PrijPcb Quadruped. PrijPcb Quadruped. PrijPcb Quadruped. PrijPcb	649mm 549md FNLS 2005HRC (FYL) W CLEAR 2 CAN 1.20 6985 TH CCR CSEL7 20K 0.925 TH CCR CSEL7 20K 0.125W (VIK) 0800 0805 CR 0.125W (VIK) 15w-2A 140R 0805 TH CVAG 0.125W (VIK) 2012 TH CVAG 0.125W (VIK) 2012 TH CVAG 0.125W (VIK) 410R 0805 TH CVAG 0.125W (VIK) 0.125W CVAG 0.125W (VIK) 0.125W CVAG 0.125W C
Resistor Resistor	R2, R3, R4 R5 R13 D5	1	80-11-47 81-10-02 80-01-97 95-03-84 485-2472 5M515102A	Lomex Lomex Lomex Mouser	PrijPcb Cuadruped. PrijPcb Cuadruped. PrijPcb Cuadruped. PrijPcb Cuadruped. PrijPcb Cuadruped. PrijPcb Cuadruped.	643mm S22md FNL2
Resistor Resistor	R2, R3, R4 R5 R13 D5 Adafruit BNO055	1 1 1	80-11-47 81-10-02 80-01-97 95-03-84	Lomex Lomex Lomex Mouser Electronics	PrijPcb Cuadruped. PrijPcb Cuadruped. PrijPcb Cuadruped. PrijPcb Cuadruped. PrijPcb Cuadruped. PrijPcb Cuadruped. PrijPcb	643mm PS- 28mcd FVIS- 080918C (FVI) W.CLEAR 2 Ce1-12:0 BPS- 080518C (SVI) W.CLEAR 2 Ce1-12:0 BPS- 0806 0805 130* CSC 0805 130* C