































Designator	Reference	Quantity	Footprint	Supplier	Name
R3, R4, R5, R6, R7, R18, R19, R20, R21, R22,					
R23, R24, R25, R29_DS1, R29_DS2, R29_DS3,					
R29_DS4, R30_DS1, R30_DS2, R30_DS3,					
R30_DS4, R33_DS5, R33_DS6, R33_DS7,	81-10-87	38	FP 0805 RES	Lomex	1K00 0805 5% CR-05JL71K 0.125W (VIK)
R33_DS8, R34_DS5, R34_DS6, R34_DS7,					, ,
R34_DS8, R35, R36, R37, R38, R39, R40, R41,					
R42, R43					
R11, R12, R13	81-10-94	3	FP 0805 RES	Lomex	3K90 0805 5% CR-05JL73K9 0.125W (VIK)
R1	81-10-95	1	FP_0805_RES	Lomex	4K70 0805 5% CR-05JL74K7 0.125W (VIK)
F1	44.00.11	1	FP_CONN2_TUSKE_254		(A 20)/ 20D/ 2015 DOLVELICE 1/ 5-1/ 5 (LEC)
F1	44-03-11		MM	Lomex	6A 30V 30R600UF POLYFUSE 16.5x16.5mm (LFS)
R8, R9, R10, R26, R27_DS1, R27_DS2,					
R27_DS3, R27_DS4, R28_DS1, R28_DS2,					
R28_DS3, R28_DS4, R31_DS5, R31_DS6,	81-10-99	20	FP_0805_RES	Lomex	10K0 0805 5% CR-05JL710K 0.125W (VIK)
R31_DS7, R31_DS8, R32_DS5, R32_DS6,					
R32_DS7, R32_DS8					
D2	85-00-88		FP_SOD-123	Lomex	16V 0.5W SMSZ1600-35 (MOT) MMSZ5246BT1 SOD-123 "J1"
U2, U3	87-01-20		SO16	Lomex	74HC595D,118 (NXP) 8-BIT SHIFT-REGISTER WITH OUTPUT LATCH SO-16
R15	81-11-11		FP_0805_RES	Lomex	100K 0805 5% CR-05JL7100K 0.125W (VIK)
C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11	82-13-46		FP_0805_CAP_085	Lomex	100nF 0805 10% 50V X7R 0805B104K500NT (FNG)
R2	81-34-71		FP_0805_RES	Lomex	100R 0805 5% RC0805JR-10100RL 0.125W (YAG
R14	81-10-84		FP_0805_RES	Lomex	560R 0805 5% CR-05JL7560R 0.125W (VIK)
R16, R17	81-12-65		FP_0805_RES	Lomex	750R 0805 5% CR-05JL7750R 0.125W (VIK)
D1, D3, D4	95-00-57		FP_0805_LED_GREEN	Lomex	2012 GREEN 568nm 70mcd KP-2012MGC (KIN) W.CLEAR 2x1.2x1.1mm 0805 120°
U7, U8, U9	100.381.18		FP_DCDC_DSN		DSN-1504-3A, Kapcsolóüzemű step-down feszültségszabályzó, 4.5-28V/0.8-20V, 3A
DP1, DP2, DP3	35-03-94	3		Lomex	FYS-3911BUHR-21 (FYL) 7 SEG SRED COM.AN. 10mm 30mcd 10x13x7mm 640nm
CN12	43-08-97	1	FP_CONN4_TAP_254M M	Hestore	HC-05 bluetooth modul 4P, master-slave, gombbal
U12	43-00-08		SLTB004A	Lomex	HÜVELY 20 P FHSH-2.54-20 (T-T) 1# h=8,5mm AU
U13	43-03-71		FP_STEVAL_IMU	Lomex	HÜVELY 40 P FHSH-2.54-40 (T-T) 1# h=8,5mm AU
Q1	86-01-67		FP_DPAK-TO252	Lomex	IRFR9024NTRPBF (INF) P-POWERFET 55V 11A 38W Rds<0.175R DPAK
U1	NUCLEO		FP_NUCLEO-64	Tanszék	Nucleo F446RE
CN8	43-09-55		DC_Drive_CN_Stelvio	Lomex	SORKAPOCS 3 P RM3.81 CPP3.81/3 (STE) LIFTES 1mmř 10A
CN9	43-09-55		DC_Drive_CN_Stelvio	Lomex	SORKAPOCS 3 P RM3.81 CPP3.81/3 (STE) LIFTES 1mmř 10A
CN10	43-09-55	1	DC_Drive_CN_Stelvio	Lomex	SORKAPOCS 3 P RM3.81 CPP3.81/3 (STE) LIFTES 1mmř 10A
U4, U5, U6	Tanszék	3	SOP127P600-sajat_0095- 015	Tanszék	STP08CP05TTR, Counter Shift Registers Lo VItg LoCurent Pwr 8B shift register
CN6_DS1, CN6_DS2, CN6_DS3, CN6_DS4	43-26-63	4	FP_DISTANCE_SENSOR	Lomex	SZAL.KABEL 6 P APA BH-06 (T-T)
CN7_DS5, CN7_DS6, CN7_DS7, CN7_DS8	43-26-63			Lomex	SZAL.KABEL 6 P APA BH-06 (T-T)
CN1, CN2	43-01-11		CONNECTOR-20P	Lomex	SZAL.KABEL 20 P APA 90° BHR-20 (T-T)
B1	100.224.61	1	FP_BTN_SMD	Hestore	TACT-64N-F, Nyomógomb, mikrokapcsoló TACT, SPST-NO, THT, 4.3mm, 6x6mm
CN11	43-08-97	1	FP_CONN4_TAP_254M M	Lomex	TÁPCSATL. 2.54mm 4P APA 180° NCW254-04S (G-S) FORR.
U10, U11	595-TCA9534PWR	2	FP_TCA9534PWR	Mouser	TCA9534PWR 8 Bit I2C I/O Expander
S1	100.264.66	1	FP_SPDT	Hestore	TSSM-1022-A2, Kapcsoló, nyelves, 1A/250V AC, M5, SPDT, ON-ON
CN4	43-00-73	1	FP_CONN3_TUSKE_254 MM	Lomex	TÜSKESOR 40 P PHSS-40- 6/3 (T-T) 2.54mm PIN 0.64x0.64 TÖRDELHETÖ
CN5	43-00-73	1	FP_CONN3_TUSKE_254 MM	Lomex	TÜSKESOR 40 P PHSS-40- 6/3 (T-T) 2.54mm PIN 0.64x0.64 TÖRDELHETÖ
CN3	FD-W115M	1	FP_BATTERY	https://sh op.modell .hu/kabel- amass- xt60-cap- apa- csatlakozo val- szerelve	XT60 + CAP Apa