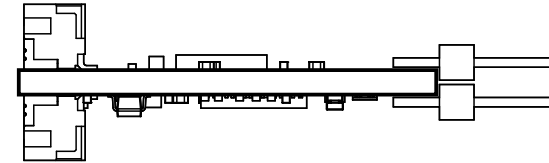
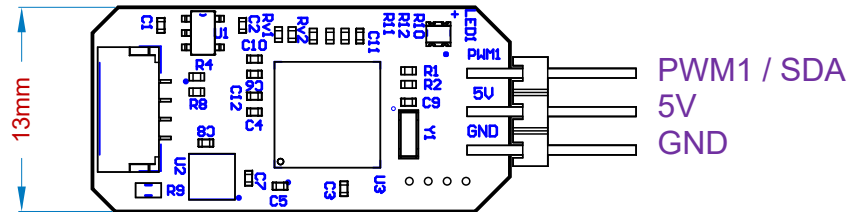
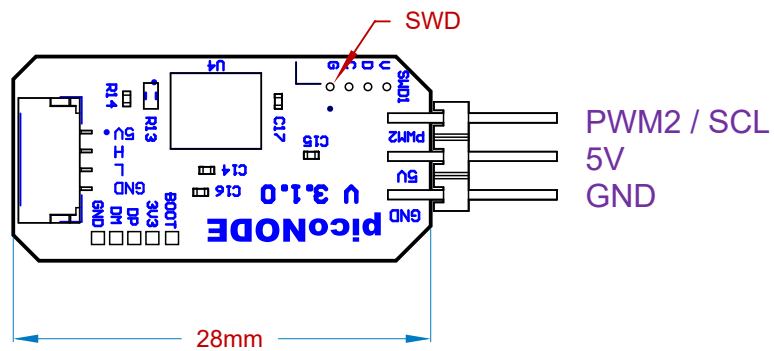


TOP SIDE



BOTTOM SIDE



1. Max input voltage 5.3 V
2. CAN LV pinout:
5V
CAN H
CAN L
GND
3. SWD pinout:
GND
SWCLK
SWDIO
3V3

Designator	Quantity	MF	MP	Value	Package	Description	Instructions	Type	HelpURL	ChipDip_Link	Name
3V3, BOOT, DM, DP, GND	5						Test point				Test Point
C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C14, C15, C17	14	Murata	GCM155R71H104KE02D	0.1u	0402	GCM155R71H104KE02D, Чип 0402 X7R 0.1uF +10% 50V, Конденсатор				https://www.chipdip.ru/product/gcm155r71h104ke02d-murata	GCM155R71H104KE02D
C12, C16	2	Yageo	CC0402KRX5R5BB105	1u	0402	10% 6.3V Ceramic Capacitor X5R 0402 _1005 Metric					CC0402KRX5R5BB105
CAN1, CAN2	2	JST Sales	SM04B-GHS-TB(LF)(SN)		None	Connector Header Surface Mount, Right Angle 4 position 0.049 _1.25mm_			http://www.farnell.com/datasheets/2082975.pdf	https://www.chipdip.ru/product/sm04b-ghs-tb-lf-sn-gh-1.25mm-header-side-ent	SM04B-GHS-TB(LF)(SN) -
LED1	1		LTST-C19HE1WT			Blue/Green/Red			https://statichipdip.ru/lib/039/D/OC013039662.pdf	https://www.chipdip.ru/product/t1/8003387462	LTST-C19HE1WT
PWM1, PWM2	2	Connfly electronic (Zhenqin)	PLS-3 (DS1021-1x3)			Header, 3-Pin		SMD	https://statichipdip.ru/lib/227/D/OC000227157.pdf	https://www.chipdip.ru/product/pls-3	A
R1, R2, R4, R8	4	Yageo or NXP	RC0402FR-074K7L	4.7k	RC0402	0.062Вт 0402 4.7 кОм, 1%, Чип резистор (SMD)		SMD	https://www.chipdip.ru/product0/9000189640	https://www.chipdip.ru/product0/9000189640	RC0402FR-074K7L
R9	1		RC0603FR-07120RL	120	R0603	120 Ohms 1 0.1 W 1 10 W Chip Resistor 0603 1608 Metric Thick Film	DNP	SMD	https://www.chipdip.ru/product0/9000079618	https://www.chipdip.ru/product0/9000079618	Res3
R10, R11, R12	3	Yageo or NXP	RC0402FR-07330RL	330	RC0402	0.062Вт 0402 330 Ом, 1%, Чип резистор (SMD)		SMD	https://www.chipdip.ru/product0/9000189640	https://www.chipdip.ru/product0/9000189640	RC0402FR-07330RL
R13	1	Yageo or NXP	RC0603FR-070RL	0	R0603	0 Ohms ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film	DNP	SMD	https://www.yageo.com/upload/media/product/productsearch/data-sheet/rcchip/PYu-RC_Group_51_RoHS_L_10.pdf		RC0603FR-070RL
R14	1	Yageo or NXP	RC0402FR-071KL	1k	RC0402	0.062Вт 0402 1 кОм, 1%, Чип резистор (SMD)		SMD	https://www.chipdip.ru/product0/9000189640	https://www.chipdip.ru/product0/9000189640	RC0402FR-071KL
Rv1	1	Yageo or NXP	RC0402FR-0713KL	13k	RC0402	0.062Вт 0402 13 кОм, 1%, Чип резистор (SMD)		SMD	https://www.chipdip.ru/product0/9000189640	https://www.chipdip.ru/product0/9000189640	RC0402FR-0713KL
Rv2	1	Yageo or NXP	RC0402FR-076K8L	6.8k	RC0402	0.062Вт 0402 6.8 кОм, 1%, Чип резистор (SMD)		SMD	https://www.chipdip.ru/product0/9000189640	https://www.chipdip.ru/product0/9000189640	RC0402FR-076K8L
SWD1	1	JST Sales	SM04B-GHS-TB(LF)(SN)		None	Conn Shrouded Header HDR 4 POS 1.25mm Solder ST SMD Reel	DNP	SMD			BM04B-GHS-TBT(LF)(SN)(N)
U1	1	MaxLinear, Inc.	SPX3819M5-L-3-3/TR	3V3	SOT-23-5 Exar	Low Dropout Voltage Regulator, Adjustable, 0.5A, B±1%, 2.5 to 16 Vin, 5-Pin SOT-23		SMD	http://www.farnell.com/datasheets/2614478.pdf	https://www.chipdip.ru/product/t1/8003455237	SPX3819M5-L-3-3/TR
U2	1	NXP USA	TJA1042TK/3		VDFN-8 NXP USA	1/1 Transceiver Half CANbus 8-SO		SMD	https://statichipdip.ru/lib/583/D/OC001583059.pdf	https://www.chipdip.ru/product/t1/8002988465	TJA1042TK/3
U3	1		RP2040		None						RP2040
U4	1	Winbond Electronics	W25Q128JVSQ	128M	WSON-8 Winbond	FLASH - NOR Memory IC 128Mb (16M x 8) SPI - Quad I/O, QPI, DTR 133 MHz 8-SOIC					W25Q128JVEIQ
Y1	1	Murata	CSTCE12M0G55Z-R0	12MHz	SMD-3 Murata	Ceramic Resonator, 12 MHz, +/- 0.5%, 40 to 125 degC, 3-Pin SMD, RoHS, Tape and Reel		SMD	https://www.murata.com/en-eu/api/pdf/download?cate=&partno=CSTCE12M0G55Z-R0	https://www.chipdip.ru/product/t1/8001783721	CSTCE12M0G55Z-R0