

Register / Constants	Bits	Signed	metric	Max value (bin)	Max value (dec)
clk_T	1	No	50 ns	1	1
T_1_us	5	No	20 clock_T	10100	20
T_1_ms	15	No	20k clock_T	100111000100000	20000
metro	7	No	1 cm	1100100	100
Vel_Som	9	No	337 m/s	101010001	337
Vel_Som/2	8	No	168 m/s	10101000	168
t_max	16	No	60k clock_T / 3ms	1110101001100000	60000
distance	24	No	5 um		
distance (cm)	7	no	1 cm		
distance_base	7	No	1 cm	0010100	20
erro	7	No	1 cm		
PWM	1	No	50 ns	1	1
PID	16	No			
P	16	No			
I		No			
D	26	No			
ki	5	No	29 (10 ⁻²)	11101	0,29
kp	9	No	211(10 ⁻²)	011010011	2,11
kd	3		7 (10 ⁻²)	111	0,0725