EEPROM MEMORY MAP

HEADER

0	set flag			
	0	1	2	3
	s	e	t	\0

4	MSG SIZE	
	0	1
	72	

BODY

NETWORK				
6	LOCAL_IP			
	0	1	2	3
	192	168	2	114
10	NETWORK MASK			
	0	1	2	3
	255	255	255	0
14	GATEAWAY			
	0	1	2	3
	192	168	2	1
15	DHCP CONF			
	0			
	1			
19	ROS CLIENT PORT			
	0	1		
	10888			
21	SET UP SERVER PORT			
	0	1		
	11511			
23	SERIAL NODE IP			
	0	1	2	3
	192	168	2	150
27	SERIALNODE PORT			
	0	1		
	11411			

Robot Geometry

29	WHEEL_RADIUS	
	0	1
	100	
31	WHEEL_SEPARATION	
	0	1
	450	
33	MAX_LIN_VEL	
	0	1
	1900	
35	MAX_ANG_VEL	
	0	1
	1900	
37	RAD_PER_TICK	
	0	1
	1745	
39	MAX_PWD_ALLOWED	
	0	1
	255	

ROS TOPICS

41	CMD_VEL LENGTH		
	0		
	8		
42	CMD_VEL TOPIC NAME		
	0	…	(length - 1)
	/cmd_vel		
(50) 42 + cmd_vel_length	ODOMETRY LENGTH		
	0		
	5		
(51) 42 + cmd_vel_length + 1	ODOMETRY TOPIC NAME		
	0	…	(length - 1)
	/odom		
(56)	BASE FRAME LENGTH		
	0		
	9		
(57)	BASE FRAME NAME		
	0	…	(length - 1)
	base_link		
(66)	ODOMETRY FRAME LEGTH		
	0		
	4		
(67)	ODOMETRY FRAME NAME		
	0	…	(length - 1)
	odom		
	CHECKSUM		
	0		
(71)	87		

const length	45
max var length	1020
Max msg size	1065
Max 2 bytes num	65535