Onboard parameters for Vehicle 1
#
Stack: PX4 Pro
Vehicle: Quadrotor
Version: 1.16.0
Git Revision: 6ea3539157000000
#
Vehicle-Id Component-Id Name Value Type
1 1 BAT1_A_PER_V 40.000000000000000000 9
1 1 BAT1_CAPACITY -1.000000000000000000 9
1 1 BAT1_I_CHANNEL -1 6
1 1 BAT1_I_OVERWRITE 0.000000000000000000 9
1 1 BAT1_N_CELLS 4 6
1 1 BAT1_R_INTERNAL -1.000000000000000000 9
1 1 BAT1_SOURCE 0 6
1 1 BAT1_V_CHANNEL -1 6
1 1 BAT1_V_CHARGED 4.199999809265136719 9
1 1 BAT1_V_DIV 21.120000839233398438 9
1 1 BAT1_V_EMPTY 3.200000047683715820 9
1 1 BAT_AVRG_CURRENT 15.000000000000000000 9
1 1 BAT_CRIT_THR 0.070000000298023224 9
1 1 BAT_EMERGEN_THR 0.050000000745058060 9
1 1 BAT_LOW_THR 0.150000005960464478 9
1 1 BAT_V_OFFS_CURR 0.000000000000000000 9
1 1 CAL_ACC0_ID 6946834 6
1 1 CAL_ACC0_PRIO 50 6
1 1 CAL_ACC0_ROT -1 6
1 1 CAL_ACC0_XOFF 0.072088152170181274 9
1 1 CAL_ACC0_XSCALE 0.991541683673858643 9
1 1 CAL_ACC0_YOFF 0.051266364753246307 9
1 1 CAL_ACC0_YSCALE 0.996494174003601074 9
1 1 CAL_ACC0_ZOFF 0.110433071851730347 9
1 1 CAL_ACC0_ZSCALE 0.994218349456787109 9
1 1 CAL_ACC1_ID 3604506 6
1 1 CAL_ACC1_PRIO 50 6
1 1 CAL_ACC1_ROT -1 6
1 1 CAL_ACC1_XOFF 0.345583260059356689 9
1 1 CAL_ACC1_XSCALE 0.990870475769042969 9
1 1 CAL_ACC1_YOFF 0.353123694658279419 9
1 1 CAL_ACC1_YSCALE 0.990950703620910645 9
1 1 CAL_ACC1_ZOFF -0.113424360752105713 9
1 1 CAL_ACC1_ZSCALE 0.988556087017059326 9
1 1 CAL_ACC2_ID 0 6
1 1 CAL_ACC3_ID 0 6

1	1	CAL_AIR_CMODEL	0	6	
1	1	CAL_AIR_TUBED_MM	1.500000000000000000		9
1	1	CAL_AIR_TUBELEN	0.200000002980232239		9
1	1	CAL_BARO0_ID	5207825	6	
1	1	CAL_BARO0_OFF	0.000000000000000000		9
1	1	CAL_BARO0_PRIO	50	6	
1	1	CAL_GYRO0_ID	6684690	6	
1	1	CAL_GYRO0_PRIO	50	6	
1	1	CAL_GYRO0_ROT	-1	6	
1	1	CAL_GYRO0_XOFF	-0.000034824828617275		9
1	1	CAL_GYRO0_YOFF	0.003808532841503620		9
1	1	CAL_GYRO0_ZOFF	-0.008088086731731892		9
1	1	CAL_GYRO1_ID	3604506	6	
1	1	CAL_GYRO1_PRIO	50	6	
1	1	CAL_GYRO1_ROT	-1	6	
1	1	CAL_GYRO1_XOFF	0.003144756658002734		9
1	1	CAL_GYRO1_YOFF	0.001389147248119116		9
1	1	CAL_GYRO1_ZOFF	0.003232110990211368		9
1	1	CAL_GYRO2_ID	0	6	
1	1	CAL_GYRO3_ID	0	6	
1	1	CAL_MAG0_ID	527633	6	
1	1	CAL_MAG0_PITCH	0.000000000000000000		9
1	1	CAL_MAG0_PRIO	50	6	
1	1	CAL_MAG0_ROLL	0.000000000000000000		9
1	1	CAL_MAG0_ROT	-1	6	
1	1	CAL_MAG0_XCOMP	0.000000000000000000		9
1	1	CAL_MAG0_XODIAG	-0.007203347049653530		9
1	1	CAL_MAG0_XOFF	0.509547531604766846		9
1	1	CAL_MAG0_XSCALE	1.059128880500793457		9
1	1	CAL_MAG0_YAW	0.000000000000000000		9
1	1	CAL_MAG0_YCOMP	0.000000000000000000		9
1	1	CAL_MAG0_YODIAG	-0.006127943750470877		9
1	1	CAL_MAG0_YOFF	0.023529250174760818		9
1	1	CAL_MAG0_YSCALE	0.872806906700134277		9
1	1	CAL_MAG0_ZCOMP	0.000000000000000000		9
1	1	CAL_MAG0_ZODIAG	0.024129560217261314		9
1	1	CAL_MAG0_ZOFF	-0.010244281962513924		9
1	1	CAL_MAG0_ZSCALE	1.034743070602416992		9
1	1	CAL_MAG1_ID	0	6	
1	1	CAL_MAG1_ROT	-1	6	
1	1	CAL_MAG2_ID	0	6	
1	1	CAL_MAG2_ROT	-1	6	
1	1	CAL_MAG3_ID	0	6	
1	1	CAL_MAG3_ROT	-1	6	

1	1	CAL_MAG_COMP_TYP	0	6	
1	1	CAL_MAG_SIDES	63	6	
1	1	CA_AIRFRAME	0	6	
1	1	CA_FAILURE_MODE	0	6	
1	1	CA_METHOD	2	6	
1	1	CA_R0_SLEW	0.000000000000000000	9	
1	1	CA_R10_SLEW	0.000000000000000000	9	
1	1	CA_R11_SLEW	0.000000000000000000	9	
1	1	CA_R1_SLEW	0.000000000000000000	9	
1	1	CA_R2_SLEW	0.000000000000000000	9	
1	1	CA_R3_SLEW	0.000000000000000000	9	
1	1	CA_R4_SLEW	0.000000000000000000	9	
1	1	CA_R5_SLEW	0.000000000000000000	9	
1	1	CA_R6_SLEW	0.000000000000000000	9	
1	1	CA_R7_SLEW	0.000000000000000000	9	
1	1	CA_R8_SLEW	0.000000000000000000	9	
1	1	CA_R9_SLEW	0.000000000000000000	9	
1	1	CA_ROTOR0_AX	0.000000000000000000	9	
1	1	CA_ROTOR0_AY	0.000000000000000000	9	
1	1	CA_ROTOR0_AZ	-1.000000000000000000	9	
1	1	CA_ROTOR0_CT	6.500000000000000000	9	
1	1	CA_ROTOR0_KM	0.050000000745058060	9	
1	1	CA_ROTOR0_PX	1.000000000000000000	9	
1	1	CA_ROTOR0_PY	1.000000000000000000	9	
1	1	CA_ROTOR0_PZ	0.000000000000000000	9	
1	1	CA_ROTOR10_AX	0.000000000000000000	9	
1	1	CA_ROTOR10_AY	0.000000000000000000	9	
1	1	CA_ROTOR10_AZ	-1.000000000000000000	9	
1	1	CA_ROTOR10_CT	6.500000000000000000	9	
1	1	CA_ROTOR10_KM	0.050000000745058060	9	
1	1	CA_ROTOR10_PX	0.000000000000000000	9	
1	1	CA_ROTOR10_PY	0.000000000000000000	9	
1	1	CA_ROTOR10_PZ	0.000000000000000000	9	
1	1	CA_ROTOR11_AX	0.000000000000000000	9	
1	1	CA_ROTOR11_AY	0.000000000000000000	9	
1	1	CA_ROTOR11_AZ	-1.000000000000000000	9	
1	1	CA_ROTOR11_CT	6.500000000000000000	9	
1	1	CA_ROTOR11_KM	0.050000000745058060	9	
1	1	CA_ROTOR11_PX	0.000000000000000000	9	
1	1	CA_ROTOR11_PY	0.000000000000000000	9	
1	1	CA_ROTOR11_PZ	0.000000000000000000	9	
1	1	CA_ROTOR1_AX	0.000000000000000000	9	
1	1	CA_ROTOR1_AY	0.000000000000000000	9	
1	1	CA_ROTOR1_AZ	-1.000000000000000000	9	

1	1	CA_ROTOR1_CT	6.500000000000000000	9
1	1	CA_ROTOR1_KM	0.050000000745058060	9
1	1	CA_ROTOR1_PX	-1.000000000000000000	9
1	1	CA_ROTOR1_PY	-1.000000000000000000	9
1	1	CA_ROTOR1_PZ	0.000000000000000000	9
1	1	CA_ROTOR2_AX	0.000000000000000000	9
1	1	CA_ROTOR2_AY	0.000000000000000000	9
1	1	CA_ROTOR2_AZ	-1.000000000000000000	9
1	1	CA_ROTOR2_CT	6.500000000000000000	9
1	1	CA_ROTOR2_KM	-0.050000000745058060	9
1	1	CA_ROTOR2_PX	1.000000000000000000	9
1	1	CA_ROTOR2_PY	-1.000000000000000000	9
1	1	CA_ROTOR2_PZ	0.000000000000000000	9
1	1	CA_ROTOR3_AX	0.000000000000000000	9
1	1	CA_ROTOR3_AY	0.000000000000000000	9
1	1	CA_ROTOR3_AZ	-1.000000000000000000	9
1	1	CA_ROTOR3_CT	6.500000000000000000	9
1	1	CA_ROTOR3_KM	-0.050000000745058060	9
1	1	CA_ROTOR3_PX	-1.000000000000000000	9
1	1	CA_ROTOR3_PY	1.000000000000000000	9
1	1	CA_ROTOR3_PZ	0.000000000000000000	9
1	1	CA_ROTOR4_AX	0.000000000000000000	9
1	1	CA_ROTOR4_AY	0.000000000000000000	9
1	1	CA_ROTOR4_AZ	-1.000000000000000000	9
1	1	CA_ROTOR4_CT	6.500000000000000000	9
1	1	CA_ROTOR4_KM	0.050000000745058060	9
1	1	CA_ROTOR4_PX	0.000000000000000000	9
1	1	CA_ROTOR4_PY	0.000000000000000000	9
1	1	CA_ROTOR4_PZ	0.000000000000000000	9
1	1	CA_ROTOR5_AX	0.000000000000000000	9
1	1	CA_ROTOR5_AY	0.000000000000000000	9
1	1	CA_ROTOR5_AZ	-1.000000000000000000	9
1	1	CA_ROTOR5_CT	6.500000000000000000	9
1	1	CA_ROTOR5_KM	0.050000000745058060	9
1	1	CA_ROTOR5_PX	0.000000000000000000	9
1	1	CA_ROTOR5_PY	0.000000000000000000	9
1	1	CA_ROTOR5_PZ	0.000000000000000000	9
1	1	CA_ROTOR6_AX	0.000000000000000000	9
1	1	CA_ROTOR6_AY	0.000000000000000000	9
1	1	CA_ROTOR6_AZ	-1.000000000000000000	9
1	1	CA_ROTOR6_CT	6.500000000000000000	9
1	1	CA_ROTOR6_KM	0.050000000745058060	9
1	1	CA_ROTOR6_PX	0.000000000000000000	9
1	1	CA_ROTOR6_PY	0.000000000000000000	9

1	1	CA_ROTOR6_PZ	0.000000000000000000	9
1	1	CA_ROTOR7_AX	0.000000000000000000	9
1	1	CA_ROTOR7_AY	0.000000000000000000	9
1	1	CA_ROTOR7_AZ	-1.000000000000000000	9
1	1	CA_ROTOR7_CT	6.500000000000000000	9
1	1	CA_ROTOR7_KM	0.050000000745058060	9
1	1	CA_ROTOR7_PX	0.000000000000000000	9
1	1	CA_ROTOR7_PY	0.000000000000000000	9
1	1	CA_ROTOR7_PZ	0.000000000000000000	9
1	1	CA_ROTOR8_AX	0.000000000000000000	9
1	1	CA_ROTOR8_AY	0.000000000000000000	9
1	1	CA_ROTOR8_AZ	-1.000000000000000000	9
1	1	CA_ROTOR8_CT	6.500000000000000000	9
1	1	CA_ROTOR8_KM	0.050000000745058060	9
1	1	CA_ROTOR8_PX	0.000000000000000000	9
1	1	CA_ROTOR8_PY	0.000000000000000000	9
1	1	CA_ROTOR8_PZ	0.000000000000000000	9
1	1	CA_ROTOR9_AX	0.000000000000000000	9
1	1	CA_ROTOR9_AY	0.000000000000000000	9
1	1	CA_ROTOR9_AZ	-1.000000000000000000	9
1	1	CA_ROTOR9_CT	6.500000000000000000	9
1	1	CA_ROTOR9_KM	0.050000000745058060	9
1	1	CA_ROTOR9_PX	0.000000000000000000	9
1	1	CA_ROTOR9_PY	0.000000000000000000	9
1	1	CA_ROTOR9_PZ	0.000000000000000000	9
1	1	CA_ROTOR_COUNT	4	6
1	1	CA_R_REV	0	6
1	1	CA_SV0_SLEW	0.000000000000000000	9
1	1	CA_SV1_SLEW	0.000000000000000000	9
1	1	CA_SV2_SLEW	0.000000000000000000	9
1	1	CA_SV3_SLEW	0.000000000000000000	9
1	1	CA_SV4_SLEW	0.000000000000000000	9
1	1	CA_SV5_SLEW	0.000000000000000000	9
1	1	CA_SV6_SLEW	0.000000000000000000	9
1	1	CA_SV7_SLEW	0.000000000000000000	9
1	1	CBRK_BUZZER	0	6
1	1	CBRK_FLIGHTTERM	121212	6
1	1	CBRK_IO_SAFETY	22027	6
1	1	CBRK_SUPPLY_CHK	894281	6
1	1	CBRK_USB_CHK	197848	6
1	1	CBRK_VTOLARMING	0	6
1	1	COM_ACT_FAIL_ACT	0	6
1	1	COM_ARMABLE	1	6
1	1	COM_ARM_AUTH_ID	10	6

1	1	COM_ARM_AUTH_MET	0	6	
1	1	COM_ARM_AUTH_REQ	0	6	
1	1	COM_ARM_AUTH_TO	1.000000000000000000	9	
1	1	COM_ARM_BAT_MIN	-1.000000000000000000	9	
1	1	COM_ARM_CHK_ESCS	0	6	
1	1	COM_ARM_HFLT_CHK	1	6	
1	1	COM_ARM_IMU_ACC	0.699999988079071045	9	
1	1	COM_ARM_IMU_GYR	0.250000000000000000	9	
1	1	COM_ARM_MAG_ANG	60	6	
1	1	COM_ARM_MAG_STR	2	6	
1	1	COM_ARM_MIS_REQ	0	6	
1	1	COM_ARM_ODID	0	6	
1	1	COM_ARM_SDCARD	1	6	
1	1	COM_ARM_SWISBTN	0	6	
1	1	COM_ARM_WO_GPS	1	6	
1	1	COM_CPU_MAX	95.000000000000000000	9	
1	1	COM_DISARM_LAND	2.000000000000000000	9	
1	1	COM_DISARM_MAN	1	6	
1	1	COM_DISARM_PRFLT	10.000000000000000000	9	
1	1	COM_DLL_EXCEPT	0	6	
1	1	COM_DL_LOSS_T	10	6	
1	1	COM_FAIL_ACT_T	5.000000000000000000	9	
1	1	COM_FLIGHT_UUID	108	6	
1	1	COM_FLTMODE1	8	6	
1	1	COM_FLTMODE2	1	6	
1	1	COM_FLTMODE3	2	6	
1	1	COM_FLTMODE4	-1	6	
1	1	COM_FLTMODE5	-1	6	
1	1	COM_FLTMODE6	-1	6	
1	1	COM_FLTT_LOW_ACT	3	6	
1	1	COM_FLT_PROFILE	0	6	
1	1	COM_FLT_TIME_MAX	-1	6	
1	1	COM_FORCE_SAFETY	0	6	
1	1	COM_HLDL_LOSS_T	120	6	
1	1	COM_HLDL_REG_T	0	6	
1	1	COM_HOME_EN	1	6	
1	1	COM_HOME_IN_AIR	0	6	
1	1	COM_IMB_PROP_ACT	0	6	
1	1	COM_KILL_DISARM	5.000000000000000000	9	
1	1	COM_LKDOWN_TKO	3.000000000000000000	9	
1	1	COM_LOW_BAT_ACT	0	6	
1	1	COM_MODE_ARM_CHK	0	6	
1	1	COM_MOT_TEST_EN	1	6	
1	1	COM_OBC_LOSS_T	5.000000000000000000	9	

1	1	COM_OBL_RC_ACT	0	6	
1	1	COM_OF_LOSS_T	1.000000000000000000	9	
1	1	COM_PARACHUTE	0	6	
1	1	COM_POSCTL_NAVL	0	6	
1	1	COM_POS_FS_EPH	5.000000000000000000	9	
1	1	COM_POS_LOW_ACT	3	6	
1	1	COM_POS_LOW_EPH	-1.000000000000000000	9	
1	1	COM_POWER_COUNT	1	6	
1	1	COM_PREARM_MODE	0	6	
1	1	COM_QC_ACT	0	6	
1	1	COM_RAM_MAX	95.000000000000000000	9	
1	1	COM_RCL_EXCEPT	0	6	
1	1	COM_RC_ARM_HYST	1000	6	
1	1	COM_RC_IN_MODE	3	6	
1	1	COM_RC_LOSS_T	0.500000000000000000	9	
1	1	COM_RC_OVERRIDE	1	6	
1	1	COM_RC_STICK_OV	30.000000000000000000	9	
1	1	COM_SPOOLUP_TIME	1.000000000000000000	9	
1	1	COM_TAKEOFF_ACT	0	6	
1	1	COM_THROW_EN	0	6	
1	1	COM_THROW_SPEED	5.000000000000000000	9	
1	1	COM_VEL_FS_EVH	1.000000000000000000	9	
1	1	COM_WIND_MAX	-1.000000000000000000	9	
1	1	COM_WIND_MAX_ACT	0	6	
1	1	COM_WIND_WARN	-1.000000000000000000	9	
1	1	CP_DELAY	0.400000005960464478	9	
1	1	CP_DIST	-1.000000000000000000	9	
1	1	CP_GO_NO_DATA	0	6	
1	1	CP_GUIDE_ANG	30.000000000000000000	9	
1	1	DSHOT_3D_DEAD_H	1000	6	
1	1	DSHOT_3D_DEAD_L	1000	6	
1	1	DSHOT_3D_ENABLE	0	6	
1	1	DSHOT_BIDIR_EN	0	6	
1	1	DSHOT_MIN	0.054999999701976776	9	
1	1	DSHOT_TEL_CFG	0	6	
1	1	EKF2_ABIAS_INIT	0.200000002980232239	9	
1	1	EKF2_ABL_ACCLIM	25.000000000000000000	9	
1	1	EKF2_ABL_GYRLIM	3.000000000000000000	9	
1	1	EKF2_ABL_LIM	0.400000005960464478	9	
1	1	EKF2_ABL_TAU	0.500000000000000000	9	
1	1	EKF2_ACC_B_NOISE	0.003000000026077032	9	
1	1	EKF2_ACC_NOISE	0.349999994039535522	9	
1	1	EKF2_AGP_CTRL	0	6	
1	1	EKF2_AGP_DELAY	0.000000000000000000	9	

1	1	EKF2_AGP_GATE	3.000000000000000000	9
1	1	EKF2_AGP_NOISE	0.899999976158142090	9
1	1	EKF2_ANGERR_INIT	0.100000001490116119	9
1	1	EKF2_ARSP_THR	0.000000000000000000	9
1	1	EKF2_ASPD_MAX	20.000000000000000000	9
1	1	EKF2_ASP_DELAY	100.000000000000000000	9
1	1	EKF2_AVEL_DELAY	5.000000000000000000	9
1	1	EKF2_BARO_CTRL	0	6
1	1	EKF2_BARO_DELAY	0.000000000000000000	9
1	1	EKF2_BARO_GATE	5.000000000000000000	9
1	1	EKF2_BARO_NOISE	3.500000000000000000	9
1	1	EKF2_BCOEF_X	100.000000000000000000	9
1	1	EKF2_BCOEF_Y	100.000000000000000000	9
1	1	EKF2_BETA_GATE	5.000000000000000000	9
1	1	EKF2_BETA_NOISE	0.300000011920928955	9
1	1	EKF2_DECL_TYPE	3	6
1	1	EKF2_DELAY_MAX	200.000000000000000000	9
1	1	EKF2_DRAG_CTRL	0	6
1	1	EKF2_DRAG_NOISE	2.500000000000000000	9
1	1	EKF2_EAS_NOISE	1.399999976158142090	9
1	1	EKF2_EN	1	6
1	1	EKF2_EVA_NOISE	0.100000001490116119	9
1	1	EKF2_EVP_GATE	5.000000000000000000	9
1	1	EKF2_EVP_NOISE	0.100000001490116119	9
1	1	EKF2_EVV_GATE	3.000000000000000000	9
1	1	EKF2_EVV_NOISE	0.100000001490116119	9
1	1	EKF2_EV_CTRL	11	6
1	1	EKF2_EV_DELAY	55.599998474121093750	9
1	1	EKF2_EV_NOISE_MD	1	6
1	1	EKF2_EV_POS_X	0.000000000000000000	9
1	1	EKF2_EV_POS_Y	0.000000000000000000	9
1	1	EKF2_EV_POS_Z	-0.140000000596046448	9
1	1	EKF2_EV_QMIN	0	6
1	1	EKF2_FUSE_BETA	0	6
1	1	EKF2_GBIAS_INIT	0.100000001490116119	9
1	1	EKF2_GND_EFF_DZ	4.000000000000000000	9
1	1	EKF2_GND_MAX_HGT	0.500000000000000000	9
1	1	EKF2_GPS_CHECK	1023	6
1	1	EKF2_GPS_CTRL	0	6
1	1	EKF2_GPS_DELAY	110.000000000000000000	9
1	1	EKF2_GPS_POS_X	0.000000000000000000	9
1	1	EKF2_GPS_POS_Y	0.000000000000000000	9
1	1	EKF2_GPS_POS_Z	0.000000000000000000	9
1	1	EKF2_GPS_P_GATE	5.000000000000000000	9

1	1	EKF2_GPS_P_NOISE	0.500000000000000000	9
1	1	EKF2_GPS_V_GATE	5.000000000000000000	9
1	1	EKF2_GPS_V_NOISE	0.300000011920928955	9
1	1	EKF2_GPS_YAW_OFF	0.000000000000000000	9
1	1	EKF2_GRAV_NOISE	1.000000000000000000	9
1	1	EKF2_GSF_TAS	15.000000000000000000	9
1	1	EKF2_GYR_B_LIM	0.150000005960464478	9
1	1	EKF2_GYR_B_NOISE	0.001000000047497451	9
1	1	EKF2_GYR_NOISE	0.014999999664723873	9
1	1	EKF2_HDG_GATE	2.599999904632568359	9
1	1	EKF2_HEAD_NOISE	0.300000011920928955	9
1	1	EKF2_HGT_REF	3	6
1	1	EKF2_IMU_CTRL	7	6
1	1	EKF2_IMU_POS_X	0.000000000000000000	9
1	1	EKF2_IMU_POS_Y	0.000000000000000000	9
1	1	EKF2_IMU_POS_Z	0.000000000000000000	9
1	1	EKF2_LOG_VERBOSE	1	6
1	1	EKF2_MAG_ACCLIM	0.500000000000000000	9
1	1	EKF2_MAG_B_NOISE	0.000099999997473788	9
1	1	EKF2_MAG_CHECK	1	6
1	1	EKF2_MAG_CHK_INC	20.000000000000000000	9
1	1	EKF2_MAG_CHK_STR	0.200000002980232239	9
1	1	EKF2_MAG_DECL	0.000000000000000000	9
1	1	EKF2_MAG_DELAY	0.000000000000000000	9
1	1	EKF2_MAG_E_NOISE	0.001000000047497451	9
1	1	EKF2_MAG_GATE	3.000000000000000000	9
1	1	EKF2_MAG_NOISE	0.050000000745058060	9
1	1	EKF2_MAG_TYPE	5	6
1	1	EKF2_MCOEF	0.150000005960464478	9
1	1	EKF2_MIN_RNG	0.100000001490116119	9
1	1	EKF2_MULTI_IMU	0	6
1	1	EKF2_NOAID_NOISE	10.000000000000000000	9
1	1	EKF2_NOAID_TOUT	5000000	6
1	1	EKF2_OF_CTRL	0	6
1	1	EKF2_OF_DELAY	20.000000000000000000	9
1	1	EKF2_OF_GATE	3.000000000000000000	9
1	1	EKF2_OF_GYR_SRC	0	6
1	1	EKF2_OF_N_MAX	0.500000000000000000	9
1	1	EKF2_OF_N_MIN	0.150000005960464478	9
1	1	EKF2_OF_POS_X	0.000000000000000000	9
1	1	EKF2_OF_POS_Y	0.000000000000000000	9
1	1	EKF2_OF_POS_Z	0.000000000000000000	9
1	1	EKF2_OF_QMIN	1	6
1	1	EKF2_OF_QMIN_GND	0	6

1	1	EKF2_PCOEF_XN	0.000000000000000000	9
1	1	EKF2_PCOEF_XP	0.000000000000000000	9
1	1	EKF2_PCOEF_YN	0.000000000000000000	9
1	1	EKF2_PCOEF_YP	0.000000000000000000	9
1	1	EKF2_PCOEF_Z	0.000000000000000000	9
1	1	EKF2_PREDICT_US	10000	6
1	1	EKF2_REQ_EPH	3.000000000000000000	9
1	1	EKF2_REQ_EPV	5.000000000000000000	9
1	1	EKF2_REQ_GPS_H	10.000000000000000000	9
1	1	EKF2_REQ_HDRIFT	0.100000001490116119	9
1	1	EKF2_REQ_NSATS	6	6
1	1	EKF2_REQ_PDOP	2.500000000000000000	9
1	1	EKF2_REQ_SACC	0.500000000000000000	9
1	1	EKF2_REQ_VDRIFT	0.200000002980232239	9
1	1	EKF2_RNG_A_HMAX	5.000000000000000000	9
1	1	EKF2_RNG_A_IGATE	1.000000000000000000	9
1	1	EKF2_RNG_A_VMAX	1.000000000000000000	9
1	1	EKF2_RNG_CTRL	0	6
1	1	EKF2_RNG_DELAY	5.000000000000000000	9
1	1	EKF2_RNG_FOG	1.000000000000000000	9
1	1	EKF2_RNG_GATE	5.000000000000000000	9
1	1	EKF2_RNG_K_GATE	1.000000000000000000	9
1	1	EKF2_RNG_NOISE	0.100000001490116119	9
1	1	EKF2_RNG_PITCH	0.000000000000000000	9
1	1	EKF2_RNG_POS_X	0.000000000000000000	9
1	1	EKF2_RNG_POS_Y	0.000000000000000000	9
1	1	EKF2_RNG_POS_Z	0.000000000000000000	9
1	1	EKF2_RNG_QLTY_T	1.000000000000000000	9
1	1	EKF2_RNG_SFE	0.050000000745058060	9
1	1	EKF2_SYNT_MAG_Z	0	6
1	1	EKF2_TAS_GATE	5.000000000000000000	9
1	1	EKF2_TAU_POS	0.250000000000000000	9
1	1	EKF2_TAU_VEL	0.250000000000000000	9
1	1	EKF2_TERR_GRAD	0.500000000000000000	9
1	1	EKF2_TERR_NOISE	5.000000000000000000	9
1	1	EKF2_VEL_LIM	100.000000000000000000	9
1	1	EKF2_WIND_NSD	0.050000000745058060	9
1	1	EV_TSK_RC_LOSS	0	6
1	1	EV_TSK_STAT_DIS	0	6
1	1	FD_ACT_EN	1	6
1	1	FD_ACT_MOT_C2T	2.000000000000000000	9
1	1	FD_ACT_MOT_THR	0.200000002980232239	9
1	1	FD_ACT_MOT_TOUT	100	6
1	1	FD_ESCS_EN	1	6

1	1	FD_EXT_ATS_EN	0	6
1	1	FD_EXT_ATS_TRIG	1900	6
1	1	FD_FAIL_P	60	6
1	1	FD_FAIL_P_TTRI	0.300000011920928955	9
1	1	FD_FAIL_R	60	6
1	1	FD_FAIL_R_TTRI	0.300000011920928955	9
1	1	FD_IMB_PROP_THR	30	6
1	1	FLW_TGT_ALT_M	0	6
1	1	FLW_TGT_DST	8.000000000000000000	9
1	1	FLW_TGT_FA	180.000000000000000000	9
1	1	FLW_TGT_HT	8.000000000000000000	9
1	1	FLW_TGT_MAX_VEL	5.000000000000000000	9
1	1	FLW_TGT_RS	0.100000001490116119	9
1	1	FW_AIRSPD_MAX	20.000000000000000000	9
1	1	FW_AIRSPD_TRIM	15.000000000000000000	9
1	1	FW_PSP_OFF	0.000000000000000000	9
1	1	FW_T_CLMB_R_SP	3.000000000000000000	9
1	1	FW_T_SINK_R_SP	2.000000000000000000	9
1	1	GF_ACTION	2	6
1	1	GF_MAX_HOR_DIST	0.000000000000000000	9
1	1	GF_MAX_VER_DIST	0.000000000000000000	9
1	1	GF_PREDICT	0	6
1	1	GF_SOURCE	0	6
1	1	GPS_1_CONFIG	201	6
1	1	GPS_1_GNSS	0	6
1	1	GPS_1_PROTOCOL	1	6
1	1	GPS_2_CONFIG	0	6
1	1	GPS_DUMP_COMM	0	6
1	1	GPS_SAT_INFO	0	6
1	1	GPS_UBX_BAUD2	230400	6
1	1	GPS_UBX_CFG_INTF	0	6
1	1	GPS_UBX_DYNMODEL	6	6
1	1	GPS_UBX_MODE	0	6
1	1	GPS_YAW_OFFSET	0.000000000000000000	9
1	1	HTE_ACC_GATE	3.000000000000000000	9
1	1	HTE_HT_ERR_INIT	0.100000001490116119	9
1	1	HTE_HT_NOISE	0.003599999938160181	9
1	1	HTE_THR_RANGE	0.200000002980232239	9
1	1	HTE_VXY_THR	10.000000000000000000	9
1	1	HTE_VZ_THR	2.000000000000000000	9
1	1	IMU_ACCEL_CUTOFF	30.000000000000000000	9
1	1	IMU_DGYRO_CUTOFF	30.000000000000000000	9
1	1	IMU_GYRO_CAL_EN	1	6
1	1	IMU_GYRO_CUTOFF	30.000000000000000000	9

1	1	IMU_GYRO_DNF_BW	15.000000000000000000	9
1	1	IMU_GYRO_DNF_EN	0	6
1	1	IMU_GYRO_DNF_HMC	3	6
1	1	IMU_GYRO_DNF_MIN	25.000000000000000000	9
1	1	IMU_GYRO_FFT_EN	1	6
1	1	IMU_GYRO_FFT_LEN	512	6
1	1	IMU_GYRO_FFT_MAX	150.000000000000000000	9
1	1	IMU_GYRO_FFT_MIN	30.000000000000000000	9
1	1	IMU_GYRO_FFT_SNR	10.000000000000000000	9
1	1	IMU_GYRO_NF0_BW	20.000000000000000000	9
1	1	IMU_GYRO_NF0_FRQ	0.000000000000000000	9
1	1	IMU_GYRO_NF1_BW	20.000000000000000000	9
1	1	IMU_GYRO_NF1_FRQ	0.000000000000000000	9
1	1	IMU_GYRO_RATEMAX	800	6
1	1	IMU_INTEG_RATE	200	6
1	1	LNDMC_ALT_GND	2.000000000000000000	9
1	1	LNDMC_ROT_MAX	20.000000000000000000	9
1	1	LNDMC_TRIG_TIME	1.000000000000000000	9
1	1	LNDMC_XY_VEL_MAX	1.500000000000000000	9
1	1	LNDMC_Z_VEL_MAX	0.250000000000000000	9
1	1	LND_FLIGHT_T_HI	0	6
1	1	LND_FLIGHT_T_LO	1832369540	6
1	1	LPE_EN	0	6
1	1	MAN_ARM_GESTURE	0	6
1	1	MAN_KILL_GEST_T	-1.000000000000000000	9
1	1	MAV_0_CONFIG	103	6
1	1	MAV_0_FLOW_CTRL	2	6
1	1	MAV_0_FORWARD	1	6
1	1	MAV_0_MODE	0	6
1	1	MAV_0_RADIO_CTL	1	6
1	1	MAV_0_RATE	1200	6
1	1	MAV_1_CONFIG	0	6
1	1	MAV_2_CONFIG	104	6
1	1	MAV_2_FLOW_CTRL	2	6
1	1	MAV_2_FORWARD	0	6
1	1	MAV_2_MODE	0	6
1	1	MAV_2_RADIO_CTL	1	6
1	1	MAV_2_RATE	0	6
1	1	MAV_COMP_ID	1	6
1	1	MAV_FWDEXTSP	1	6
1	1	MAV_HASH_CHK_EN	1	6
1	1	MAV_HB_FORW_EN	1	6
1	1	MAV_PROTO_VER	0	6
1	1	MAV_RADIO_TOUT	5	6

1	1	MAV_SIK_RADIO_ID	0	6	
1	1	MAV_SYS_ID	1	6	
1	1	MAV_TYPE	2	6	
1	1	MAV_USEHILGPS	0	6	
1	1	MBE_ENABLE	1	6	
1	1	MBE_LEARN_GAIN	18.000000000000000000	9	
1	1	MC_ACRO_EXPO	0.000000000000000000	9	
1	1	MC_ACRO_EXPO_Y	0.000000000000000000	9	
1	1	MC_ACRO_P_MAX	100.000000000000000000	9	
1	1	MC_ACRO_R_MAX	100.000000000000000000	9	
1	1	MC_ACRO_SUPEXPO	0.000000000000000000	9	
1	1	MC_ACRO_SUPEXPOY	0.000000000000000000	9	
1	1	MC_ACRO_Y_MAX	100.000000000000000000	9	
1	1	MC_AIRMODE	0	6	
1	1	MC_AT_APPLY	1	6	
1	1	MC_AT_EN	1	6	
1	1	MC_AT_RISE_TIME	0.140000000596046448	9	
1	1	MC_AT_START	0	6	
1	1	MC_AT_SYSID_AMP	0.699999988079071045	9	
1	1	MC_BAT_SCALE_EN	0	6	
1	1	MC_MAN_TILT_TAU	0.000000000000000000	9	
1	1	MC_ORBIT_RAD_MAX	1000.000000000000000000	9	
1	1	MC_ORBIT_YAW_MOD	0	6	
1	1	MC_PITCHRATE_D	0.004000000189989805	9	
1	1	MC_PITCHRATE_FF	0.000000000000000000	9	
1	1	MC_PITCHRATE_I	0.300000011920928955	9	
1	1	MC_PITCHRATE_K	0.400000005960464478	9	
1	1	MC_PITCHRATE_MAX	220.000000000000000000	9	
1	1	MC_PITCHRATE_P	0.140000000596046448	9	
1	1	MC_PITCH_P	6.500000000000000000	9	
1	1	MC_PR_INT_LIM	0.300000011920928955	9	
1	1	MC_ROLLRATE_D	0.004000000189989805	9	
1	1	MC_ROLLRATE_FF	0.000000000000000000	9	
1	1	MC_ROLLRATE_I	0.300000011920928955	9	
1	1	MC_ROLLRATE_K	0.349999994039535522	9	
1	1	MC_ROLLRATE_MAX	220.000000000000000000	9	
1	1	MC_ROLLRATE_P	0.140000000596046448	9	
1	1	MC_ROLL_P	6.500000000000000000	9	
1	1	MC_RR_INT_LIM	0.300000011920928955	9	
1	1	MC_SLOW_DEF_HVEL	3.000000000000000000	9	
1	1	MC_SLOW_DEF_VVEL	1.000000000000000000	9	
1	1	MC_SLOW_DEF_YAWR	45.000000000000000000	9	
1	1	MC_SLOW_MAP_HVEL	0	6	
1	1	MC_SLOW_MAP_PTCH	0	6	

1	1	MC_SLOW_MAP_VVEL	0	6	
1	1	MC_SLOW_MAP_YAWR	0	6	
1	1	MC_SLOW_MIN_HVEL	0.300000011920928955	9	
1	1	MC_SLOW_MIN_VVEL	0.300000011920928955	9	
1	1	MC_SLOW_MIN_YAWR	3.000000000000000000	9	
1	1	MC_YAWRATE_D	0.000000000000000000	9	
1	1	MC_YAWRATE_FF	0.000000000000000000	9	
1	1	MC_YAWRATE_I	0.100000001490116119	9	
1	1	MC_YAWRATE_K	1.200000047683715820	9	
1	1	MC_YAWRATE_MAX	360.000000000000000000	9	
1	1	MC_YAWRATE_P	0.200000002980232239	9	
1	1	MC_YAW_P	2.799999952316284180	9	
1	1	MC_YAW_TQ_CUTOFF	2.000000000000000000	9	
1	1	MC_YAW_WEIGHT	0.400000005960464478	9	
1	1	MC_YR_INT_LIM	0.300000011920928955	9	
1	1	MIS_COMMAND_TOUT	0.000000000000000000	9	
1	1	MIS_LND_ABRT_ALT	30	6	
1	1	MIS_MNT_YAW_CTL	0	6	
1	1	MIS_TAKEOFF_ALT	2.500000000000000000	9	
1	1	MIS_YAW_ERR	12.000000000000000000	9	
1	1	MIS_YAW_TMT	-1.000000000000000000	9	
1	1	MOT_POLE_COUNT	14	6	
1	1	MPC_ACC_DECOUPLE	1	6	
1	1	MPC_ACC_DOWN_MAX	3.000000000000000000	9	
1	1	MPC_ACC_HOR	3.000000000000000000	9	
1	1	MPC_ACC_HOR_MAX	5.000000000000000000	9	
1	1	MPC_ACC_UP_MAX	4.000000000000000000	9	
1	1	MPC_ALT_MODE	2	6	
1	1	MPC_HOLD_DZ	0.100000001490116119	9	
1	1	MPC_HOLD_MAX_XY	0.800000011920928955	9	
1	1	MPC_HOLD_MAX_Z	0.600000023841857910	9	
1	1	MPC_JERK_AUTO	4.000000000000000000	9	
1	1	MPC_JERK_MAX	8.000000000000000000	9	
1	1	MPC_LAND_ALT1	10.000000000000000000	9	
1	1	MPC_LAND_ALT2	5.000000000000000000	9	
1	1	MPC_LAND_ALT3	1.000000000000000000	9	
1	1	MPC_LAND_CRWL	0.300000011920928955	9	
1	1	MPC_LAND_RADIUS	1000.000000000000000000	9	
1	1	MPC_LAND_RC_HELP	0	6	
1	1	MPC_LAND_SPEED	0.699999988079071045	9	
1	1	MPC_MANTHR_MIN	0.079999998211860657	9	
1	1	MPC_MAN_TILT_MAX	35.000000000000000000	9	
1	1	MPC_MAN_Y_MAX	150.000000000000000000	9	
1	1	MPC_MAN_Y_TAU	0.079999998211860657	9	

1	1	MPC_POS_MODE	4	6	
1	1	MPC_THR_CURVE	0	6	
1	1	MPC_THR_HOVER	0.500000000000000000	9	
1	1	MPC_THR_MAX	1.000000000000000000	9	
1	1	MPC_THR_MIN	0.119999997317790985	9	
1	1	MPC_THR_XY_MARG	0.300000011920928955	9	
1	1	MPC_TILTMAX_AIR	45.000000000000000000	9	
1	1	MPC_TILTMAX_LND	12.000000000000000000	9	
1	1	MPC_TKO_RAMP_T	3.000000000000000000	9	
1	1	MPC_TKO_SPEED	1.500000000000000000	9	
1	1	MPC_USE_HTE	1	6	
1	1	MPC_VELD_LP	5.000000000000000000	9	
1	1	MPC_VEL_LP	0.000000000000000000	9	
1	1	MPC_VEL_MANUAL	10.000000000000000000	9	
1	1	MPC_VEL_MAN_BACK	-1.000000000000000000	9	
1	1	MPC_VEL_MAN_SIDE	-1.000000000000000000	9	
1	1	MPC_VEL_NF_BW	5.000000000000000000	9	
1	1	MPC_VEL_NF_FRQ	0.000000000000000000	9	
1	1	MPC_XY_CRUISE	5.000000000000000000	9	
1	1	MPC_XY_ERR_MAX	2.000000000000000000	9	
1	1	MPC_XY_MAN_EXPO	0.600000023841857910	9	
1	1	MPC_XY_P	0.949999988079071045	9	
1	1	MPC_XY_TRAJ_P	0.500000000000000000	9	
1	1	MPC_XY_VEL_ALL	-10.000000000000000000	9	
1	1	MPC_XY_VEL_D_ACC	0.200000002980232239	9	
1	1	MPC_XY_VEL_I_ACC	0.400000005960464478	9	
1	1	MPC_XY_VEL_MAX	12.000000000000000000	9	
1	1	MPC_XY_VEL_P_ACC	1.799999952316284180	9	
1	1	MPC_YAWRAUTO_ACC	60.000000000000000000	9	
1	1	MPC_YAWRAUTO_MAX	45.000000000000000000	9	
1	1	MPC_YAW_EXPO	0.600000023841857910	9	
1	1	MPC_YAW_MODE	0	6	
1	1	MPC_Z_MAN_EXPO	0.600000023841857910	9	
1	1	MPC_Z_P	1.000000000000000000	9	
1	1	MPC_Z_VEL_ALL	-3.000000000000000000	9	
1	1	MPC_Z_VEL_D_ACC	0.000000000000000000	9	
1	1	MPC_Z_VEL_I_ACC	2.000000000000000000	9	
1	1	MPC_Z_VEL_MAX_DN	0.500000000000000000	9	
1	1	MPC_Z_VEL_MAX_UP	0.500000000000000000	9	
1	1	MPC_Z_VEL_P_ACC	4.000000000000000000	9	
1	1	MPC_Z_V_AUTO_DN	0.500000000000000000	9	
1	1	MPC_Z_V_AUTO_UP	0.500000000000000000	9	
1	1	NAV_ACC_RAD	2.000000000000000000	9	
1	1	NAV_DLL_ACT	0	6	

1	1	NAV_FORCE_VT	1	6
1	1	NAV_FW_ALTL_RAD	5.000000000000000000	9
1	1	NAV_FW_ALT_RAD	10.000000000000000000	9
1	1	NAV_LOITER_RAD	80.000000000000000000	9
1	1	NAV_MC_ALT_RAD	0.800000011920928955	9
1	1	NAV_MIN_GND_DIST	-1.000000000000000000	9
1	1	NAV_MIN_LTR_ALT	-1.000000000000000000	9
1	1	NAV_RCL_ACT	2	6
1	1	NAV_TRAFF_AVOID	1	6
1	1	NAV_TRAFF_A_HOR	500.000000000000000000	9
1	1	NAV_TRAFF_A_VER	500.000000000000000000	9
1	1	NAV_TRAFF_COLL_T	60	6
1	1	PD_GRIPPER_TO	1.000000000000000000	9
1	1	PD_GRIPPER_TYPE	0	6
1	1	PLD_BTOUT	5.000000000000000000	9
1	1	PLD_FAPPR_ALT	0.100000001490116119	9
1	1	PLD_HACC_RAD	0.200000002980232239	9
1	1	PLD_MAX_SRCH	3	6
1	1	PLD_SRCH_ALT	10.000000000000000000	9
1	1	PLD_SRCH_TOUT	10.000000000000000000	9
1	1	PPS_CAP_ENABLE	0	6
1	1	PWM_MAIN_DIS1	1000	6
1	1	PWM_MAIN_DIS10	1000	6
1	1	PWM_MAIN_DIS2	1000	6
1	1	PWM_MAIN_DIS3	1000	6
1	1	PWM_MAIN_DIS4	1000	6
1	1	PWM_MAIN_DIS5	1000	6
1	1	PWM_MAIN_DIS6	1000	6
1	1	PWM_MAIN_DIS7	1000	6
1	1	PWM_MAIN_DIS8	1000	6
1	1	PWM_MAIN_DIS9	1000	6
1	1	PWM_MAIN_FAIL1	-1	6
1	1	PWM_MAIN_FAIL10	-1	6
1	1	PWM_MAIN_FAIL2	-1	6
1	1	PWM_MAIN_FAIL3	-1	6
1	1	PWM_MAIN_FAIL4	-1	6
1	1	PWM_MAIN_FAIL5	-1	6
1	1	PWM_MAIN_FAIL6	-1	6
1	1	PWM_MAIN_FAIL7	-1	6
1	1	PWM_MAIN_FAIL8	-1	6
1	1	PWM_MAIN_FAIL9	-1	6
1	1	PWM_MAIN_FUNC1	101	6
1	1	PWM_MAIN_FUNC10	0	6
1	1	PWM_MAIN_FUNC2	102	6

1	1	PWM_MAIN_FUNC3	103	6
1	1	PWM_MAIN_FUNC4	104	6
1	1	PWM_MAIN_FUNC5	0	6
1	1	PWM_MAIN_FUNC6	0	6
1	1	PWM_MAIN_FUNC7	0	6
1	1	PWM_MAIN_FUNC8	0	6
1	1	PWM_MAIN_FUNC9	0	6
1	1	PWM_MAIN_MAX1	2000	6
1	1	PWM_MAIN_MAX10	2000	6
1	1	PWM_MAIN_MAX2	2000	6
1	1	PWM_MAIN_MAX3	2000	6
1	1	PWM_MAIN_MAX4	2000	6
1	1	PWM_MAIN_MAX5	2000	6
1	1	PWM_MAIN_MAX6	2000	6
1	1	PWM_MAIN_MAX7	2000	6
1	1	PWM_MAIN_MAX8	2000	6
1	1	PWM_MAIN_MAX9	2000	6
1	1	PWM_MAIN_MIN1	1000	6
1	1	PWM_MAIN_MIN10	1000	6
1	1	PWM_MAIN_MIN2	1000	6
1	1	PWM_MAIN_MIN3	1000	6
1	1	PWM_MAIN_MIN4	1000	6
1	1	PWM_MAIN_MIN5	1000	6
1	1	PWM_MAIN_MIN6	1000	6
1	1	PWM_MAIN_MIN7	1000	6
1	1	PWM_MAIN_MIN8	1000	6
1	1	PWM_MAIN_MIN9	1000	6
1	1	PWM_MAIN_REV	0	6
1	1	PWM_MAIN_TIM0	-4	6
1	1	PWM_MAIN_TIM1	400	6
1	1	PWM_MAIN_TIM2	400	6
1	1	PWM_MAIN_TIM3	400	6
1	1	RC10_DZ	0.000000000000000000	9
1	1	RC10_MAX	1988.000000000000000000	9
1	1	RC10_MIN	1050.000000000000000000	9
1	1	RC10_REV	1.000000000000000000	9
1	1	RC10_TRIM	1519.000000000000000000	9
1	1	RC11_DZ	0.000000000000000000	9
1	1	RC11_MAX	2000.000000000000000000	9
1	1	RC11_MIN	1000.000000000000000000	9
1	1	RC11_REV	1.000000000000000000	9
1	1	RC11_TRIM	1500.000000000000000000	9
1	1	RC12_DZ	0.000000000000000000	9
1	1	RC12_MAX	2000.000000000000000000	9

1	1	RC12_MIN	1000.000000000000000000	9
1	1	RC12_REV	1.000000000000000000	9
1	1	RC12_TRIM	1500.000000000000000000	9
1	1	RC13_DZ	0.000000000000000000	9
1	1	RC13_MAX	2000.000000000000000000	9
1	1	RC13_MIN	1000.000000000000000000	9
1	1	RC13_REV	1.000000000000000000	9
1	1	RC13_TRIM	1500.000000000000000000	9
1	1	RC14_DZ	0.000000000000000000	9
1	1	RC14_MAX	2000.000000000000000000	9
1	1	RC14_MIN	1000.000000000000000000	9
1	1	RC14_REV	1.000000000000000000	9
1	1	RC14_TRIM	1500.000000000000000000	9
1	1	RC15_DZ	0.000000000000000000	9
1	1	RC15_MAX	2000.000000000000000000	9
1	1	RC15_MIN	1000.000000000000000000	9
1	1	RC15_REV	1.000000000000000000	9
1	1	RC15_TRIM	1500.000000000000000000	9
1	1	RC16_DZ	0.000000000000000000	9
1	1	RC16_MAX	2000.000000000000000000	9
1	1	RC16_MIN	1000.000000000000000000	9
1	1	RC16_REV	1.000000000000000000	9
1	1	RC16_TRIM	1500.000000000000000000	9
1	1	RC17_DZ	0.000000000000000000	9
1	1	RC17_MAX	2000.000000000000000000	9
1	1	RC17_MIN	1000.000000000000000000	9
1	1	RC17_REV	1.000000000000000000	9
1	1	RC17_TRIM	1500.000000000000000000	9
1	1	RC18_DZ	0.000000000000000000	9
1	1	RC18_MAX	2000.000000000000000000	9
1	1	RC18_MIN	1000.000000000000000000	9
1	1	RC18_REV	1.000000000000000000	9
1	1	RC18_TRIM	1500.000000000000000000	9
1	1	RC1_DZ	10.000000000000000000	9
1	1	RC1_MAX	2000.000000000000000000	9
1	1	RC1_MIN	1004.000000000000000000	9
1	1	RC1_REV	1.000000000000000000	9
1	1	RC1_TRIM	1500.000000000000000000	9
1	1	RC2_DZ	10.000000000000000000	9
1	1	RC2_MAX	2000.000000000000000000	9
1	1	RC2_MIN	1001.000000000000000000	9
1	1	RC2_REV	1.000000000000000000	9
1	1	RC2_TRIM	1500.000000000000000000	9
1	1	RC3_DZ	10.000000000000000000	9

1	1	RC3_MAX	1998.000000000000000000	9
1	1	RC3_MIN	1001.000000000000000000	9
1	1	RC3_REV	1.000000000000000000	9
1	1	RC3_TRIM	1001.000000000000000000	9
1	1	RC4_DZ	10.000000000000000000	9
1	1	RC4_MAX	2000.000000000000000000	9
1	1	RC4_MIN	1001.000000000000000000	9
1	1	RC4_REV	1.000000000000000000	9
1	1	RC4_TRIM	1500.000000000000000000	9
1	1	RC5_DZ	10.000000000000000000	9
1	1	RC5_MAX	1988.000000000000000000	9
1	1	RC5_MIN	1011.000000000000000000	9
1	1	RC5_REV	1.000000000000000000	9
1	1	RC5_TRIM	1499.000000000000000000	9
1	1	RC6_DZ	10.000000000000000000	9
1	1	RC6_MAX	1988.000000000000000000	9
1	1	RC6_MIN	1011.000000000000000000	9
1	1	RC6_REV	1.000000000000000000	9
1	1	RC6_TRIM	1499.000000000000000000	9
1	1	RC7_DZ	10.000000000000000000	9
1	1	RC7_MAX	1988.000000000000000000	9
1	1	RC7_MIN	1011.000000000000000000	9
1	1	RC7_REV	1.000000000000000000	9
1	1	RC7_TRIM	1499.000000000000000000	9
1	1	RC8_DZ	10.000000000000000000	9
1	1	RC8_MAX	1988.000000000000000000	9
1	1	RC8_MIN	1011.000000000000000000	9
1	1	RC8_REV	1.000000000000000000	9
1	1	RC8_TRIM	1499.000000000000000000	9
1	1	RC9_DZ	0.000000000000000000	9
1	1	RC9_MAX	1988.000000000000000000	9
1	1	RC9_MIN	1011.000000000000000000	9
1	1	RC9_REV	1.000000000000000000	9
1	1	RC9_TRIM	1499.000000000000000000	9
1	1	RC_ARMSWITCH_TH	0.750000000000000000	9
1	1	RC_CHAN_CNT	16	6
1	1	RC_CRSF_PRT_CFG	101	6
1	1	RC_CRSF_TEL_EN	1	6
1	1	RC_DSM_PRT_CFG	0	6
1	1	RC_ENG_MOT_TH	0.750000000000000000	9
1	1	RC_FAILS_THR	0	6
1	1	RC_GEAR_TH	0.750000000000000000	9
1	1	RC_GHST_PRT_CFG	0	6
1	1	RC_INPUT_PROTO	6	6

1	1	RC_KILLSWITCH_TH	0.7500000000000000000	9	
1	1	RC_LOITER_TH	0.7500000000000000000	9	
1	1	RC_MAP_ARM_SW	5	6	
1	1	RC_MAP_AUX1	0	6	
1	1	RC_MAP_AUX2	0	6	
1	1	RC_MAP_AUX3	0	6	
1	1	RC_MAP_AUX4	0	6	
1	1	RC_MAP_AUX5	0	6	
1	1	RC_MAP_AUX6	0	6	
1	1	RC_MAP_ENG_MOT	0	6	
1	1	RC_MAP_FAILSAFE	0	6	
1	1	RC_MAP_FLAPS	0	6	
1	1	RC_MAP_FLTMODE	6	6	
1	1	RC_MAP_FLTM_BTN	0	6	
1	1	RC_MAP_GEAR_SW	0	6	
1	1	RC_MAP_KILL_SW	0	6	
1	1	RC_MAP_LOITER_SW	0	6	
1	1	RC_MAP_MODE_SW	0	6	
1	1	RC_MAP_OFFB_SW	9	6	
1	1	RC_MAP_PARAM1	0	6	
1	1	RC_MAP_PARAM2	0	6	
1	1	RC_MAP_PARAM3	0	6	
1	1	RC_MAP_PAY_SW	0	6	
1	1	RC_MAP_PITCH	2	6	
1	1	RC_MAP_RETURN_SW	0	6	
1	1	RC_MAP_ROLL	1	6	
1	1	RC_MAP_THROTTLE	3	6	
1	1	RC_MAP_TRANS_SW	0	6	
1	1	RC_MAP_YAW	4	6	
1	1	RC_OFFB_TH	0.7500000000000000000	9	
1	1	RC_PAYLOAD_TH	0.7500000000000000000	9	
1	1	RC_PORT_CONFIG	300	6	
1	1	RC_RETURN_TH	0.7500000000000000000	9	
1	1	RC_RSSI_PWM_CHAN	0	6	
1	1	RC_RSSI_PWM_MAX	2000	6	
1	1	RC_RSSI_PWM_MIN	1000	6	
1	1	RC_SBUS_PRT_CFG	0	6	
1	1	RC_TRANS_TH	0.7500000000000000000	9	
1	1	RTL_APPR_FORCE	0	6	
1	1	RTL_CONE_ANG	45	6	
1	1	RTL_DESCEND_ALT	10.000000000000000000	9	
1	1	RTL_LAND_DELAY	0.000000000000000000	9	
1	1	RTL_LOITER_RAD	80.000000000000000000	9	
1	1	RTL_MIN_DIST	10.000000000000000000	9	

1	1	RTL_PLD_MD	0	6	
1	1	RTL_RETURN_ALT	30.000000000000000000	9	
1	1	RTL_TIME_FACTOR	1.100000023841857910	9	
1	1	RTL_TIME_MARGIN	100	6	
1	1	RTL_TYPE	0	6	
1	1	SDLOG_BOOT_BAT	0	6	
1	1	SDLOG_DIRS_MAX	0	6	
1	1	SDLOG_MISSION	0	6	
1	1	SDLOG_MODE	0	6	
1	1	SDLOG_PROFILE	3	6	
1	1	SDLOG_UTC_OFFSET	0	6	
1	1	SDLOG_UUID	1	6	
1	1	SENS_BARO_QNH	1013.250000000000000000	9	
1	1	SENS_BARO_RATE	20.000000000000000000	9	
1	1	SENS_BOARD_ROT	0	6	
1	1	SENS_BOARD_X_OFF	-1.857591986656188965	9	
1	1	SENS_BOARD_Y_OFF	0.847990334033966064	9	
1	1	SENS_BOARD_Z_OFF	0.000000000000000000	9	
1	1	SENS_DPRES_OFF	0.000000000000000000	9	
1	1	SENS_EN_ASP5033	0	6	
1	1	SENS_EN_AUAVX	0	6	
1	1	SENS_EN_ETSASPD	0	6	
1	1	SENS_EN_MS4515	0	6	
1	1	SENS_EN_MS4525DO	0	6	
1	1	SENS_EN_MS5525DS	0	6	
1	1	SENS_EN_SDP3X	0	6	
1	1	SENS_EN_SPL06	0	6	
1	1	SENS_EN_THERMAL	-1	6	
1	1	SENS_EXT_I2C_PRB	1	6	
1	1	SENS_GPS_MASK	7	6	
1	1	SENS_GPS_PRIME	0	6	
1	1	SENS_GPS_TAU	10.000000000000000000	9	
1	1	SENS_IMU_AUTOCAL	1	6	
1	1	SENS_IMU_CLPNOTI	1	6	
1	1	SENS_IMU_MODE	1	6	
1	1	SENS_MAG_AUTOCAL	1	6	
1	1	SENS_MAG_AUTOROT	1	6	
1	1	SENS_MAG_MODE	1	6	
1	1	SENS_MAG_RATE	15.000000000000000000	9	
1	1	SENS_MAG_SIDES	63	6	
1	1	SER_GPS1_BAUD	0	6	
1	1	SER_TEL2_BAUD	921600	6	
1	1	SER_TEL3_BAUD	1152006		
1	1	SER_TEL4_BAUD	1152006		

1	1	SYS_AUTOCONFIG	0	6	
1	1	SYS_AUTOSTART	4015	6	
1	1	SYS_CAL_ACCEL	0	6	
1	1	SYS_CAL_BARO	0	6	
1	1	SYS_CAL_GYRO	0	6	
1	1	SYS_CAL_TDEL	24	6	
1	1	SYS_CAL_TMAX	10	6	
1	1	SYS_CAL_TMIN	5	6	
1	1	SYS_DM_BACKEND	0	6	
1	1	SYS_FAC_CAL_MODE	0	6	
1	1	SYS_FAILURE_EN	0	6	
1	1	SYS_HAS_BARO	1	6	
1	1	SYS_HAS_GPS	1	6	
1	1	SYS_HAS_MAG	1	6	
1	1	SYS_HAS_NUM_ASPD	0	6	
1	1	SYS_HAS_NUM_DIST	0	6	
1	1	SYS_HAS_NUM_OF	0	6	
1	1	SYS_HITL	0	6	
1	1	SYS_PARAM_VER	1	6	
1	1	SYS_RGB_MAXBRT	1.000000000000000000	9	
1	1	SYS_STCK_EN	1	6	
1	1	SYS_USB_AUTO	2	6	
1	1	SYS_VEHICLE_RESP	-0.400000005960464478	9	
1	1	TC_A_ENABLE	0	6	
1	1	TC_B_ENABLE	0	6	
1	1	TC_G_ENABLE	0	6	
1	1	TC_M_ENABLE	0	6	
1	1	TEL_BST_EN	0	6	
1	1	TEL_FRSKY_CONFIG	0	6	
1	1	TEL_HOTT_CONFIG	0	6	
1	1	THR_MDL_FAC	0.000000000000000000	9	
1	1	UAVCAN_BITRATE	1000000	6	
1	1	UAVCAN_EC_FAIL1	-1	6	
1	1	UAVCAN_EC_FAIL2	-1	6	
1	1	UAVCAN_EC_FAIL3	-1	6	
1	1	UAVCAN_EC_FAIL4	-1	6	
1	1	UAVCAN_EC_FAIL5	-1	6	
1	1	UAVCAN_EC_FAIL6	-1	6	
1	1	UAVCAN_EC_FAIL7	-1	6	
1	1	UAVCAN_EC_FAIL8	-1	6	
1	1	UAVCAN_EC_FUNC1	0	6	
1	1	UAVCAN_EC_FUNC2	0	6	
1	1	UAVCAN_EC_FUNC3	0	6	
1	1	UAVCAN_EC_FUNC4	0	6	

1	1	UAVCAN_EC_FUNC5	0	6
1	1	UAVCAN_EC_FUNC6	0	6
1	1	UAVCAN_EC_FUNC7	0	6
1	1	UAVCAN_EC_FUNC8	0	6
1	1	UAVCAN_EC_MAX1	8191	6
1	1	UAVCAN_EC_MAX2	8191	6
1	1	UAVCAN_EC_MAX3	8191	6
1	1	UAVCAN_EC_MAX4	8191	6
1	1	UAVCAN_EC_MAX5	8191	6
1	1	UAVCAN_EC_MAX6	8191	6
1	1	UAVCAN_EC_MAX7	8191	6
1	1	UAVCAN_EC_MAX8	8191	6
1	1	UAVCAN_EC_MIN1	1	6
1	1	UAVCAN_EC_MIN2	1	6
1	1	UAVCAN_EC_MIN3	1	6
1	1	UAVCAN_EC_MIN4	1	6
1	1	UAVCAN_EC_MIN5	1	6
1	1	UAVCAN_EC_MIN6	1	6
1	1	UAVCAN_EC_MIN7	1	6
1	1	UAVCAN_EC_MIN8	1	6
1	1	UAVCAN_EC_REV	0	6
1	1	UAVCAN_ENABLE	2	6
1	1	UAVCAN_LGT_ANTCL	2	6
1	1	UAVCAN_LGT_LAND	0	6
1	1	UAVCAN_LGT_NAV	3	6
1	1	UAVCAN_LGT_STROB	1	6
1	1	UAVCAN_NODE_ID	1	6
1	1	UAVCAN_PUB_ARM	0	6
1	1	UAVCAN_PUB_MBD	0	6
1	1	UAVCAN_PUB_RTCM	0	6
1	1	UAVCAN_SUB_ASPD	0	6
1	1	UAVCAN_SUB_BARO	0	6
1	1	UAVCAN_SUB_BAT	0	6
1	1	UAVCAN_SUB_BTN	0	6
1	1	UAVCAN_SUB_DPRES	0	6
1	1	UAVCAN_SUB_FLOW	0	6
1	1	UAVCAN_SUB_FUEL	0	6
1	1	UAVCAN_SUB_GPS	1	6
1	1	UAVCAN_SUB_GPS_R	1	6
1	1	UAVCAN_SUB_HYGRO	0	6
1	1	UAVCAN_SUB_ICE	0	6
1	1	UAVCAN_SUB_IMU	0	6
1	1	UAVCAN_SUB_MAG	1	6
1	1	UAVCAN_SUB_RNG	0	6

1	1	UAVCAN_SV_DIS1	500	6	
1	1	UAVCAN_SV_DIS2	500	6	
1	1	UAVCAN_SV_DIS3	500	6	
1	1	UAVCAN_SV_DIS4	500	6	
1	1	UAVCAN_SV_DIS5	500	6	
1	1	UAVCAN_SV_DIS6	500	6	
1	1	UAVCAN_SV_DIS7	500	6	
1	1	UAVCAN_SV_DIS8	500	6	
1	1	UAVCAN_SV_FAIL1	-1	6	
1	1	UAVCAN_SV_FAIL2	-1	6	
1	1	UAVCAN_SV_FAIL3	-1	6	
1	1	UAVCAN_SV_FAIL4	-1	6	
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1	1	UAVCAN_SV_FAIL7	-1	6	
1	1	UAVCAN_SV_FAIL8	-1	6	
1	1	UAVCAN_SV_FUNC1	0	6	
1	1	UAVCAN_SV_FUNC2	0	6	
1	1	UAVCAN_SV_FUNC3	0	6	
1	1	UAVCAN_SV_FUNC4	0	6	
1	1	UAVCAN_SV_FUNC5	0	6	
1	1	UAVCAN_SV_FUNC6	0	6	
1	1	UAVCAN_SV_FUNC7	0	6	
1	1	UAVCAN_SV_FUNC8	0	6	
1	1	UAVCAN_SV_MAX1	1000	6	
1	1	UAVCAN_SV_MAX2	1000	6	
1	1	UAVCAN_SV_MAX3	1000	6	
1	1	UAVCAN_SV_MAX4	1000	6	
1	1	UAVCAN_SV_MAX5	1000	6	
1	1	UAVCAN_SV_MAX6	1000	6	
1	1	UAVCAN_SV_MAX7	1000	6	
1	1	UAVCAN_SV_MAX8	1000	6	
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1	1	UAVCAN_SV_MIN6	0	6	
1	1	UAVCAN_SV_MIN7	0	6	
1	1	UAVCAN_SV_MIN8	0	6	
1	1	UAVCAN_SV_REV	0	6	
1	1	USB_MAV_MODE	2	6	
1	1	UXRCE_DDS_CFG	102	6	
1	1	UXRCE_DDS_DOM_ID	7	6	

1	1	UXRCE_DDS_KEY	1	6	
1	1	UXRCE_DDS_PTCFG	0	6	
1	1	UXRCE_DDS_RX_TO	-1	6	
1	1	UXRCE_DDS_SYNCC	0	6	
1	1	UXRCE_DDS_SYNCT	1	6	
1	1	UXRCE_DDS_TX_TO	3	6	
1	1	VT_B_DEC_I	0.10000000149011619	9	
1	1	VT_B_DEC_MSS	2.0000000000000000000	9	
1	1	WV_EN	0	6	
1	1	WV_GAIN	1.0000000000000000000	9	
1	1	WV_ROLL_MIN	1.0000000000000000000	9	
1	1	WV_YRATE_MAX	90.000000000000000000	9	
1	68	ESPNOW_AIR2AIR	0	1	
1	68	RADIO_DIS_ON_ARM	0	1	
1	68	RADIO_EN_EXT_ANT	0	1	
1	68	RADIO_RSSI_DBM	1	1	
1	68	SERIAL_BAUD	1152006		
1	68	SERIAL_CTS_PIN	0	1	
1	68	SERIAL_LTM_PACK	2	1	
1	68	SERIAL_PACK_SIZE	576	3	
1	68	SERIAL_RTS_PIN	0	1	
1	68	SERIAL_RTS_THRES	127	1	
1	68	SERIAL_RX_PIN	4	1	
1	68	SERIAL_TEL_PROTO	4	1	
1	68	SERIAL_TX_PIN	5	1	
1	68	SERIAL_T_OUT_MS	20	3	
1	68	SYS_ESP32_MODE	1	1	
1	68	WIFI_AP_CHANNEL	6	1	
1	68	WIFI_EN_GN	0	1	
1	68	WIFI_UDP_CPORT	0	3	