RegNr	Тур	Hex value	Decimal	Label	(intern name)	Description
00x0	(UK):	0x0000	0	(rsv)	(rsv)	(reserved)
)x01	(UK):	0x0000	0	Usr-Opt	(USER_SPEC_OPT)	(Deif) Options
x02	(RO):	0x0000	0	SC-info	(USER_SPEC_STA)	(Deif) Safety-State
x03	(SP):	0x0000	0	Cmd-Spec	(USER SPEC DEM)	(Deif) Cmd-Specials
x04	(SP):	0x0000	0	(Key)	(USER KEY)	_
		0x1db0	7600	Fnom	_	Nominal motor frequency (FU)
		0x0190	400	V nom		Motor nominal voltage (FU)
		0x00000000		T dc		Time DC-pre-mag. (FU)
		0x00000000		V dc		DC voltages (FU)
		0x00000000		F dc	(UF_SPEZIAL)	
		0x00000000		U min	_	Minimum voltage (FU)
		0x00000000		F min	_	Minimum frequency (FU)
		0x00000000		V corner	-	Voltage für max. frequency (FU)
		0x00000000				Frequency for max. voltage (FU)
				F corner	_	
		0x0000	0	Cos Phi		Power factor (FU)
		0x0000	0	()	(UF_EXTRA)	
		0x0000	0	Chan	_	Oscilloscope trigger channel
		0xface	-1330	Ctrl	(CONTROL_STATU)	
		0x86a0	34464	Trig. Level	_	Oscilloscope trigger level
		0x0001	1	Trig. Edge	-	Oscilloscope trigger function
x14	(SP):	0x9132	37170	Trig. Sce	(CAPTURE_TRIGS)	Oscilloscope trigger source
x15	(SP):	0x0001	1	Source	(CAPTURE_SOURC)	Oscilloscope source
x16	(SP):	0x0001	1	Skip	(CAPTURE_SKIP)	Oscilloscope skip
x17	(FN):	0x0000	0	Read Cmd	(CAPTURE READ)	Oscilloscope read
x18	(FN):	0xface	64206	Run Cmd	(CAPTURE RUN)	Oscilloscope Run
x19	(RW):	0x0004	4	PWM freq.	_	Frequency PWM-stage
		0xaa07	-22009	Look-up		lookup field (temperary)
		0x01cc	460	FW	(FW-VERSION)	
		0x001e	30	Кр		Proportional amplification current
		0x03e8	1000	Ti		Integral action time current contr
		0x0000	0	Cutoff (dig.)		Cutoff-digital-cmd
		0x07f9	2041	??	_	Offset actual current 3
		0xfffe	-2	I actual	-	current actual value
		0x0000	0		_	
				Id set (dig.)	_	D-current setpoint
		0x0000	0	I cmd (ramp)	· -	current set point numeric
		0x0000	0	Id ref	· —	D-Current reference
		0x02aa	682	I max inuse	· —	I max inuse
			1000	Ramp	(I_DELTAMAXPLU)	
		0x0000	0	I cmd	_	command current
		0xffff	-1	Iq actual	-	Q-current actual
		0xffff	-1	Id actual	· · ·	D-current actual
		0x0038	56	Vq	(VQ)	Q-Outputvoltage
x2a	(RO):	0xffb4	-76	Vd		D-Outputvoltage
x2b	(RW):	0x005a	90	TiM	(I_ERRSUMMAX)	Max. integration sample count
x2c	(RW):	0x001f	31	Kp	(SPEED_KP)	Proportional gain speed
x2d	(RW):	0x0080	128	Ti	(SPEED_KI)	Integration time speed
x2e	(RW):	0x0000	0	Td	(SPEED KD)	D speed
x2f	(RW):	0x1ccc0000	483131392	Ain1 offset/scale		Offset/scale Ain1
		0x0000	0	N actual	_	Speed actual value
		0x0000	0	N set (dig.)	-	Digital Speed Set Point
		0x0000	0	N cmd (ramp)	_	Command speed after ramp
		0x0000	0	N error	(SPEED ERR)	
		0x7fff	32767	N-Lim	(SPEED LIMIT)	
		0x000507d0		Accel.	-	Speed/torque acceleration ramp time
					-	
		0x0001	1	Command	_	Selection command speed
		0x0003	3	Loop	-	current to speed loop factor
		0xfffc	-4	Iq error	_	Current Iq error
		0xfff8	-8	Id error	_	Current Id error
		0xface	64206	?? ()	(0x3a ())	
		0x0032	50	TiM		Max. integration sample count
хЗс	(RW):	0x7fff	32767	I-red-N	(I_RD_N)	Current derating speed
	(FN):	0x0213	531	Read	(READ)	Function
x3d	(= = · / •					
		0xe667	-6553	N-Lim-	(SPEED_CLIP_NE)	Speed limit negative

0x6b (RW): 0x012c 300 Ti (POS_KI) integral action time (Ovace (RW): 0x01f4 500 Td (POS_KD) advancing-time (Difference (Difference (POS_CET)) 0x000a39813 10721299 Pos actual (POS_ACTUAL)) actuael position numer (Difference (POS_CET)) 0x00000000 0 Pos actual (POS_DEST)) position-destination (POS_CET) 0x00000000 0 Pos actual 2 (RegName_0x6f) Pos actual 2 (RegName_0x6f) Pos actual 2 (RegName_0x6f) Pos actual 2 0x70 (RO): 0x00000000 0 Pos actual 2 (RegName_0x6f) Pos actual 2 (RegName_0x6f) Pos actual 2 0x70 (RO): 0x000000 0 Pos actual 2 (RegName_0x6f) Pos actual 2 0x76 (RW): 0x0000000 0 0x76 (RW): 0x00000000 0 0ff. Ref. (POS_ERR) position-destination 0x76 (RW): 0x00000000 0 0ff. Ref. (POS_ERR) position-destination 0x76 (RW): 0x00000000 0 0ff. Ref. (POS_ERR 0FFEE)	RegNr	Тур	Hex value	Decimal	Label	(intern name)	Description
0x42 (RO): 0x38F10 38935					-	,	
0x44 (RM); 0x4900 39152 MotorFos elec (MMCOR_FOULLE) Motor actual angular pack (RM); 0x40000000 0 124 Regen. Energy (TLRG_MONITOR) monitor 124 regen to 0x45 (RM); 0x7998 31129 1 lim dig (LIMIT) Oursent limit with a d () (AR (RM); 0x60aa 82 1 lim inuse (TLIMIT) Oursent limit () (AR (RM); 0x60a6 82 1 lim inuse (TLIMIT) Oursent limit () (AR (RM); 0x60a6 82 1 lim inuse (TLIMIT) Oursent limit () (AR (RM); 0x60a7 12295 T-air (TAIR) actual current limit () (TAIR) actual current limit () (AR (RM); 0x60a7 12295 T-air (TAIR) actual current limit () (TAIR) actual () (TAIR)	0x41	(RO):	0x0000	0	<u>—</u>	-	
0x44 (RN); 0xfb2b	0x42	(RO):	0x981b	38939			
0x46 (KN): 0x7998 1128 11 in dig (I_IMT)					MotorPos elec		
0x46 RNN 0x7998						-	
0x47 (RW): 0x1ace 64206 (I.LM INUSE) actual current limit 0x48 (RO): 0x2a48 10824 T-motor (T LDM INUSE) actual current limit 0x48 (RO): 0x2a48 10824 T-motor (T MOTOR) motor temperature 0x46 (RW): 0x4a52 18879 T-ight (T GRT) power stage temperature 0x46 (RW): 0x5948 23000 I-red-TE (I.RD TE) current dozate Temp. 0x4d (RW): 0x5048 32000 I red-TE (I.RD TE) current dozate Temp. 0x4d (RW): 0x5014 300 I nom eff (MOTOR IDAIRS) Motor continuous current 0x46 (RW): 0x5014 20 M-Pole (MOTOR IDAIRS) Motor continuous current 0x46 (RW): 0x5006 20 Cutoff (AINI_CUTOFF) cutoff kindow kind 0x50 (RW): 0x5006 20 Cutoff (AINI_CUTOFF) cutoff kindow kind 0x51 (RW): 0x5006 0 1 actual (II_FST) Current actual value I 0x52 (AF): 0x5000 0 1 actual (II_FST) Current actual value I 0x53 (RW): 0x5008 0 1 actual (II_FST) Current actual value I 0x55 (RW): 0x5000 0 1 actual							
0x44 (RO): 0x4a28 10824 T-motor (T_MOTOR) motor temperature 0x46 (RO): 0x3807 12295 T-air (T_ARR) air temperature 0x4c (RN): 0x3968 23000 1-red-TR (I_RD_TR) Current Carea Temp. 0x4c (RN): 0x0600 3200 1 max eff (MOTOR: I_MAX) motor current 0x4c (RN): 0x0614 500 1 mom eff (MOTOR: I_MAX) motor current 0x50 (RN): 0x0602 200 Cutoff (AINI_CUTOFF) cutoff window Ain! 0x51 (RP): 0x06000 0 Cutoff (AINI_CUTOFF) cutoff window Ain! 0x51 (RP): 0x06000 0 Cutoff (AINI_CUTOFF) cutoff window Ain! 0x52 (RD): 0x06000 0 Cutoff (AINI_CUTOFF) cutoff window Ain. 0x55 (RO): 0x56000 0 11 actual (II_IBT Current actual value I 0x56 (RO): 0x50000 0 13 actual (II_IBT) Current actual value I 0x56 (RO): 0x50000 0 1 im inuse rm (I_IMI_NUSP_R) ?? 0x58 (RO): 0x50000 0 <	0x46	(RW):	0x7998	31128	-	_	
0x49 ROD; 0x4848 10824 T-motor (T_MOTOR) motor temperature 0x40 ROD; 0x4007 12295 T-sir (T_ARR) air temperature 0x40 RWD; 0x5048 23000 I max eff (MOTOR] LMAX max motor current 0x44 RWD; 0x0144 500 I nom eff (MOTOR] LMAX max motor current 0x44 RWD; 0x0144 20 M-Pole (MOTOR] LMAX max motor current 0x41 RWD; 0x0004 20 Cutoff (AINL_CUTOFF) cutoff window Ainl 0x51 0x91 0x0000 0 Cutoff (AINL_CUTOFF) cutoff window Ainl 0x52 0x90 0x50 0x0000 0 Cutoff (AINL_CUTOFF) cutoff window Ainl 0x52 0x50 0x0000 0 12 actual (II_RBT Cutrent actual value I 0x55 (XND 0x0000 0 I actual (II_LBT Current actual value I 0x55 (XND 0x0000 <t< td=""><td>0x4/</td><td>(RW):</td><td>Uxface</td><td>64206</td><td></td><td>· ·</td><td></td></t<>	0x4/	(RW):	Uxface	64206		· ·	
0x4b RGO; 0x4023 18979 T-ight (T_IGST) power stage temperature 0x4b RGO; 0x509838 23000 I-red-TE (I_RD_TE) Current derate Temp. 0x4d EXP; 0x0028 3200 I now eff (MOTOR_IDADER) Motor continuous current 0x4e EXP; 0x0114 500 I now eff (MOTOR_IDADER) Motor continuous current 0x4f EXP; 0x00006 200 Cucoff (AIM_CUTOFF) Outcoff kindow Ain1 0x51 (EP); 0x00000 0 Mode (MODE Mode State 0x52 (EP); 0x00000 0 Cutoff (AIM_CUTOFF) Outcoff kindow Ain2 0x52 (EP); 0x00000 0 12 actual (II_EST Cutrent actual value I 0x52 (ER); 0x00000 0 12 actual (II_EST Cutrent actual value I 0x52 (ER); 0x00000 0 12 actual (II_EST Cutrent actual value I 0x55 <t< td=""><td>0x48</td><td>(RO):</td><td>0x02aa</td><td>10024</td><td>I lim inuse</td><td></td><td></td></t<>	0x48	(RO):	0x02aa	10024	I lim inuse		
0x4b (RO): 0x3007 12295 T-air (T.AIR) air temperature 0x4d (SW): 0x5048 23000 I race off (MCTORI MAX)) max. motor current 0x4d (SW): 0x0114 500 I nom eff (MCTORI DADRE) Motor pole count 0x40 (SW): 0x0000 0 M-Pole (MCTORI POLE) Motor pole count 0x51 (SP): 0x00000 0 Mode (MCDB Mode State 0x52 (SP): 0x00000 0 Cutoff (AINI CUTOFF) cutoff window Ain1 0x52 (SP): 0x00000 0 Cutoff (AINZ CUTOFF) cutoff window Ain2 0x53 (SW): 0x00000 0 12 actual (II_STY Cutrent actual value I 0x54 (KO): 0x500000 0 13 actual (II_STY Cutrent actual value I 0x55 (KO): 0x50000 0 I im inuse rmp (I III_MINUSER) R? 0x56 (SW):	0x49	(RO):	0x2a48	10824	T-motor	(T_MOTOK)	motor temperature
0x46 (RN): 0x59dB 23000						(T_IGBT)	power stage temperature
DAMA							
0x46 (RW): 0x00144 20							
0x4f (RW): 0x0014 20				500	I nom eff		
Ox50 (RW): 0x0008 200							
OX51 (SP): OX0000 0 Mode (MODE) Mode State 0X52 (SP): Ox000001631 63505 Status mask (STATUS_MASK) Status mask 0X53 (RW): Ox0000 0 0 Cutoff (AIN_CUTOFF) cutoff window Ain2 0X54 (RO): Oxf000 0 0 12 actual (11_IST) Current actual value I 0X56 (RO): 0x0000 0 0 13 actual (13_IST) Current actual value I 0X57 (RO): 0x0000 0 0 1 lim inuse rmp (1_ILM INUSE_R) ? Current actual value I 0X58 (RW): 0x5208 21000 1-red-TD (IRO) 0x1388 5000 0 N nom (MOTOR_RPMMAX) Rated motor speed (SERN_OPTIONS) 0X56 (RW): 0x0048084 4720856 Device Options (KERN_OPTIONS) Device settings (options (KERN_OPTIONS) Device settings (options (KERN_OPTIONS) 0X56 (RW): 0x0000 0 Kacc (SO): 0x9813 38931 Rotor (ROTOR Rotor signals (ROTOR) ROTOR ROTOR ROTOR (ROTOR ROTOR) 0X56 (RW): 0x0000 0 N Cod (ROTOR) N cod (IRO) (IRO						_	
0x52 (SP): 0x0000f811 63305						_	
0x53 (RW): 0x0000							
0x55 (RO): 0x0000							
0x55 (RO): 0x0000 0 12 actual (12_IST) Current actual value I 0x56 (RO): 0x0000 0 I lim inuse rmp (I_IM_INUSE_R) ?? 0x58 (RW): 0x5208 21000 I -red-TD (I_RD-TD) ?? 0x59 (RW): 0x5388 5000 N nom (MOTOR_RPMMAX) Rated motor speed 0x5a (RW): 0x0004808d8 4720856 Device Options (KBRN_OPTIONS) Device settings (options) 0x5b (RW): 0x00000 0 Racc (SPEED_KS) Acceleration amplifical 0x5c (RO): 0x0000 0 N cmd (int) (SPEED_KS) Acceleration amplifical 0x5c (RO): 0x0000 0 N cmd (int) (SPEED_KS) Acceleration amplifical 0x5d (RO): 0x0000 0 N cmd (int) (SPEED_KS) Acceleration amplifical 0x5d (RO): 0x0000 0 I act (filt) (I_IST_FILT) Command speed internal 0x61 (RO): 0x0000 0 I act (filt) (I_IST_FILT) Filter dactual current 0x61 (RO): 0x0000 0 I t act (filt) (I_IST_FILT) Filter dactual Current actual						(I1 IST)	Current actual value I1
0x57 (RO): 0x0000						(I2 IST)	Current actual value I2
0x57 (RO): 0x0000 0 I lim inuse rmp (I_RD-TD) ?? 0x58 (RW): 0x5208 21000 I-red-TD (I_RD-TD) ?? 0x59 (RW): 0x1388 5000 N nom (MCTOR_RPMMAX) Rated motor speed 0x5b (RW): 0x0000 0 Kacc (SPEED_KS) Acceleration amplification 0x5b (RW): 0x0000 0 Kacc (SPEED_CM_INT) Rotor signals 0x5d (RO): 0x0000 0 N cmd (int) (SPEED_CM_INT) Command speed internal 0x5d (RW): 0x0006 6 Filter (SPEED_FILTER) Filter speed actual va. 0x5d (RW): 0x0000 0 I act (filt) (I_RST_FILT) Filtered actual va. 0x5d (RW): 0x0000 0 I teri (IT_MONITOR) I t monitor 0x61 (RW): 0x0000 0 I teri (IT_MONITOR) I t monitor 0x63 (RO): 0x0000 0 fpga status (POWER_BOARDS) FPGA Status 0x63 (RO): 0x001000 0 fpga status (DEVICE_BENIAL) Device Serial number Status 0x65 (RW): 0x0190 400 Ma						(I3 IST)	Current actual value I3
0x55 (RW): 0x5208 21000 I-red-TD (IRD-TD ?? 0x52 (RW): 0x1388 5000 N nom (MOTOR_RPMMAX) Rated motor speed 0x5a (RW): 0x0000 0 Kacc (KBEN_OPTIONS) Device settings (option 0x5c (RO): 0x9813 38931 Rotor (ROTOR N cord signals 0x5d (RO): 0x0000 0 N cmd (int) (SPEED_CMD_INT) Command speed internal 0x5d (RO): 0x0000 0 I act (filt) (I_STETLET) Filter speed actual va 0x5f (RO): 0x0000 0 I act (filt) (I_STETLET) Filter datual current 0x61 (RO): 0x0000 0 Filter (AINX_FILT) Filter datual current 0x61 (RO): 0x0000 0 Filter (IT_MONITOR) I t monitor 0x62 (RW): 0x00000 0 fpga Status (POWER_BOARD_S) FGA Status 0x64 (RW): 0x00000 0 fpga Status (POWER_BOARD_S) FGA Status 0x64 (RW): 0x00000001 25 Regen-P, Regen-R (DEVICE_BATD_S) Regenerative Resistor p 0x65 (RW): 0x000000001						_	
0x59 (RW): 0x1388							
0x5a (RW): 0x004808d8 4720856 Device Options (KERN OPTIONS) Device settings (option 0x5b (RO): 0x0000 0 Kacc (SPEED_KS) Acceleration amplification 0x5b (RO): 0x0000 0 N control (ROTOR) Rotor signals 0x5b (RO): 0x0000 0 N control (ROTOR) Rotor signals 0x5b (RO): 0x0000 0 N control (ROTOR) Rotor signals 0x5b (RO): 0x0000 0 I act (filt) (I_IST_FILT) Filter speed actual variants 0x61 (RO): 0x0000 0 I t (IT_MONITOR) I t monitor 0x62 (RW): 0x00014175 82293 S-Nr. (DEVICE_SERIAL) Device Serial number St (POWER BOARD S) FPGA Status 0x64 (RW): 0x0000 0 fpga Status (POWER BOARD S) FPGA Status 0x64 (RW): 0x00000019 25 Regen-P, Regen-R (DEVICE_EXT_RE) Regenerative Resistor (DEVICE_EXT_RE) Regenerative Resistor (DEVICE_AUTO) Device type 0x66 (RW): 0x00010ccc 117964 Type (DEVICE_AUTO) Device type 0x68 (RW): 0x0210 528 Rx ID (CAN_ID_TX) CAN-Bus drive tx addres 0x6a (RW): 0x0032 50 Kp (POS_KI) integral action time (POS_CECAPTU) Revision Activate ty addres 0x6d (RW): 0x003	0x59	(RW):	0x1388	5000	N nom	_	
0x5b (RW): 0x0000 0 0 Kacc (SPEED_KS) Acceleration amplifical 0x5c (RO): 0x9813 38931 Rotor (ROTOR) Rotor signals 0x5d (RO): 0x0000 0 0 N cmd (int) (SPEED_CMD_INT) Command speed internal (SPEED FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter Speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (SPEED_FILTER_) Filter speed actual varen (DEED_FILTER_) FILTER_DEED_FILTER_DEED_FILTER_DEED_FILTER_DEED_FILTER_DEED_FILTER_DEED_FILTER_DEED_FILTER_DEED_FILTER_DEED_FILTER_DEE	0x5a	(RW):	0x004808d8	4720856	Device Options		
0x5d (RO): 0x0000 0 N cmd (int) (SPEED_CMD_INT) Command speed internal 0x5f (RO): 0x0000 0 I act (filt) (I_IST_FILT) Filter speed actual va. 0x60 (RW): 0x00000 0 Filter (AINx_FILT)) 0x61 (RO): 0x0000 0 I t (IT_MONITOR) I t monitor 0x62 (RW): 0x0000 0 I t (IT_MONITOR) I t monitor 0x63 (RO): 0x0000 0 fpga Status (POWER BOARD_S) FPGA Status 0x64 (RW): 0x0190 400 Mains (DEVICE_BMAINS) Mains supply voltage 0x65 (RW): 0x00000 25 Regen-P, Regen-R (DEVICE_EXT_RE) Regenerative Resistor p 0x66 (RO): 0xface 64206 Vdc-Bat (DEUICE_AUTO_I) Device type 0x66 (RW): 0x0001ccc 1794 Type (DEVICE_EXT_RE) Regenerative Resistor p 0x66					Kacc	-	
0x5e (RW): 0x0006 6 Filter (SPEED_FILTER) Filter speed actual va. 0x5f (RO): 0x0000 0 I act (filt) (I_IST_FILT) Filter actual current 0x60 (RW): 0x0000 0 Filter (AINX_FILT)) 0x61 (RO): 0x0000 0 I t (IT_MONITOR)) I t monitor 0x63 (RO): 0x0000 0 fpga Status (FOWER BOARD_S) FFGA Status 0x64 (RW): 0x0190 400 Mains (DEVICE_MAINS) Mains supply voltage 0x65 (RW): 0x00000019 25 Regen-P, Regen-R (DEVICE_EXT_RE) Regenerative Resistor; 0x66 (RO): 0xface 64206 Vdc-Bat (D_D BUS) Battery voltage 0x67 (RW): 0x0010ccc 117964 Type (DEVICE_AUTO_I) Device type 0x6a (RW): 0x0210 528 Rx ID (CAN_ID_RX) CAN-Bus drive rx addres 0x6a (RW): 0x0210 528 Rx ID (CAN_ID_RX) CAN-Bus drive tx addres 0x6a (RW): 0x0120 300 Ti (POS_KP) position controller procoxed 0x6a (RW): 0x0144 500	0x5c	(RO):	0x9813	38931	Rotor	(ROTOR)	Rotor signals
0x5f (RO): 0x0000 0 I act (filt) (I IST_FILT)) Filtered actual current (AINx FILT) 0x61 (RO): 0x0000 0 Filter (AINx FILT)) 0x61 (RO): 0x0000 0 I t (ITMONITOR) I t monitor 0x62 (RW): 0x00014175 82293 S-Nr. (DEVICE SERIAL) Device Serial number St. 0x63 (RO): 0x0000 0 fpga Status (DEVICE MAINS) Mains supply voltage 0x64 (RW): 0x0190 400 Mains (DEVICE MAINS) Mains supply voltage 0x65 (RW): 0x00000019 25 Regen-P, Regen-R (DEVICE_EXT_RE) Regenerative Resistor plants 0x66 (RW): 0x00000019 25 Regen-P, Regen-R (DEVICE_AUTO_I) Device type 0x67 (RW): 0x00010ccc 117964 Type (DEVICE_AUTO_I) Device type 0x68 (RW): 0x0120 528 Rx ID (CAN_ID_RX) CAN-Bus drive rx addrestive from the fill of the fil	0x5d	(RO):	0x0000	0	N cmd (int)	(SPEED_CMD_INT)	Command speed internal
0x60 (RW): 0x0000 0 Filter (ATNx FILT)) 0x61 (RO): 0x0000 0 I t (IT_MONITOR) I t monitor 0x62 (RW): 0x00014175 82293 S-Nr. (DEVICE_SERIAL) Device Serial number St 0x63 (RO): 0x0000 0 fpga Status (POWER_BOARD_S) FPGA Status 0x64 (RW): 0x00000019 25 Regen-P, Regen-R (DEVICE_EXT_RE) Regenerative Resistor P 0x66 (RO): 0xface 64206 Vdc-Bat (DC_BUS Battery voltage 0x67 (RW): 0x0010ccc 117964 Type (DEVICE_AUTO_I) Device type 0x68 (RW): 0x0210 528 Rx ID (CAN_ID_RX) CAN-Bus drive trx addresting try 0x69 (RW): 0x0180 384 Tx ID (CAN_ID_RX) CAN-Bus drive trx addresting try 0x6b (RW): 0x0120 300 Ti (POS_KP) position controller processor 0x6b (RW): 0x0124 500 Td (POS_KP) position controller processor 0x6c (RW): 0x00125 300 Ti (POS_KP) position controller processor 0x6d (RO): 0x000345 100 Pos	0x5e	(RW):	0x0006	6	Filter	(SPEED_FILTER_)	Filter speed actual value
0x61 (R0): 0x0000 0 I t (IT_MONITOR) I t monitor 0x62 (RW): 0x00014175 82293 S-Nr. (DEVICE_SERIAL) Device Serial number St. 0x63 (RO): 0x0000 0 fpga Status (POWER_BOARD_S) FPGA Status 0x64 (RW): 0x00190 400 Mains (DEVICE_MAINS) Mains supply voltage 0x65 (RW): 0x00000019 25 Regen-P, Regen-R (DEVICE_EXT_RE) Regenerative Resistor 1 0x66 (RO): 0xface 64206 Vdc-Bat (DC_BUS Battery voltage 0x67 (RW): 0x00210 528 Rx ID (CAN_ID_RX) CAN-Bus drive rx addrester 0x68 (RW): 0x0180 384 Tx ID (CAN_ID_TX) CAN-Bus drive rx addrester 0x6a (RW): 0x012c 300 Ti (POS_KT) integral action time (POS_KT) 0x6b (RW): 0x012d 300 Ti (POS_KT) integral action time (POS_KT) 0x6c (RW): 0x014d 500 Td (POS_KT) integral action time (POS_KT) 0x6c (RW): 0x003dfb2f 10353455 Pos actual 2 (RegName_0x6f) Pos actual 2 0x70 (0x5f	(RO):	0x0000	0	I act (filt)	(I_IST_FILT)	Filtered actual current
0x62 (RW): 0x00014175 82293 S-Nr. (DEVICE_SERIAL) Device Serial number Stored (RO): 0x0000 0 fpga Status (POWER_BOARD_S) FFGA Status FFGA Status 0x64 (RW): 0x0190 400 Mains (DEVICE_MAINS) Mains supply voltage 0x65 (RW): 0x000000019 25 Regen-P, Regen-R (DEVICE_EXT_RE) Regenerative Resistor provided (DEVICE_EXT_RE) Regenerative Resistor provided (DEVICE_AUTO_I) 0x67 (RW): 0x00010ccc 117964 Type (DEVICE_AUTO_I) Device type 0x68 (RW): 0x0210 528 Rx ID (DEVICE_AUTO_I) Device type 0x68 (RW): 0x0210 528 Rx ID (CAN_ID_RX) CAN-Bus drive rx addrester provided (RW): 0x0032 50 Kp (POS_KP) position controller provided (RW): 0x0012c 300 Ti (POS_KP) position controller provided (RW): 0x0014 500 Td (POS_KP) position controller provided (RW): 0x0014 500 Td (POS_KP) position controller provided (RW): 0x0014 500 Td (POS_KP) position controller provided (RW): 0x0014 500 Td (POS_KP) position controller provided (RW): 0x0014 500 Td (POS_KP) position controller provided (RW): 0x0000000 700 ROS (RW): 0x00000000 70	0x60	(RW):	0x0000	0	Filter	(AINx_FILT)	
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0x65 (RW): 0x00000019 25 Regen-P, Regen-R (DEVICE_EXT_RE) Regenerative Resistor of the control				0	fpga Status		
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0x72 (RW): 0x00000000 0 Off. Ref. (POS_REF_OFFSE) reference zero offset 0x73 (RW): 0x402f 16431 NBT (CAN_BTR) CAN-BUS transmission reference 0x74 (RO): 0x0619 1561 Zero-Capture (POS_ZEROCAPTU) Pos Zero Capture 0x75 (RW): 0x0000 0 Reso edge (POS_REFRESOED) Reso pos. at Rsw 0x76 (RW): 0x0000 0 Speed 1 (SPEED_CALIB_F) Reference speed (fast) 0x77 (RW): 0x0014 20 Speed 2 (SPEED_CALIB_S) Reference speed (slow) 0x78 (FN): 0x5441 21569 Start park cycle (FUN_REF_START) Start park cycle 0x79 (RW): 0x0000 0 Tol-wind (POS_WINDOW) Tolerance window for post present 0x7a (SP): 0x88c83867 2294823015 Preset (POS_PRESET) Preset value 0x7b (RO): 0x00000000 0 Off. Var (POS_VAR_OFFSE) user zero offset 0x7c (RW): 0x000000000 0 ND-Scale (NDRIVE_SCALE) Pos. disp. scale factor 0x7d (RW): 0x183fa882 406825090 ND-Offset (NDRIVE_OFFSET) Pos. disp. offset						_	-
0x73 (RW): 0x402f 16431 NBT (CAN_BTR)) CAN-BUS transmission recovered (RO): 0x0619 1561 Zero-Capture (POS_ZEROCAPTU) Pos Zero Capture 0x75 (RW): 0x0000 0 Reso edge (POS_REFRESOED) Reso pos. at Rsw 0x76 (RW): 0x0000 0 Speed 1 (SPEED_CALIB_F) Reference speed (fast) 0x77 (RW): 0x0014 20 Speed 2 (SPEED_CALIB_S) Reference speed (slow) 0x78 (FN): 0x5441 21569 Start park cycle (FUN_REF_START) Start park cycle 0x79 (RW): 0x0000 0 Tol-wind (POS_WINDOW) Tolerance window for position recovery 0x7a (SP): 0x88c83867 2294823015 Preset (POS_PRESET) Preset value 0x7b (RO): 0x00000000 0 Off. Var (POS_VAR_OFFSE) user zero offset 0x7c (RW): 0x000000000 0 ND-Scale (NDRIVE_SCALE) Pos. disp. scale factor 0x7d (RW): 0x183fa882 406825090 ND-Offset (NDRIVE_OFFSET) Pos. disp. offset							
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0x7d (RW): 0x183fa882 406825090 ND-Offset (NDRIVE_OFFSET) Pos. disp. offset							
0x7e (RW): 0x00000000 0 Factor-ext (ENCODER_2_SCA) Scale 2nd encoder					Factor-ext	_	
0x7f (RW): 0x00000000 0 ?? (OFFSET_SLACK) ??	0x7f	(RW):	0x00000000	0	3.3		

			Decimal		(intern name)	Description
		0x9803	38915	??	(POS_DIFF_SLAC)	??
		0xface	64206	• • •	()	
0x82	(RO):	0xface 0x5441	64206		_	Device serial number ext.
0x83	(FN):	0x5441 0x5441	21569	??	(FUN_PARAREAD)	
0884	(FN):	0x0000	21569	?? Auto-Fn	(FUN_PARAWRITE)	
		0x0000		??	(FUN_SPEZIAL) (READ INFO)	
			64206	•••	()	
		0x00000000		Rx ID 2		CAN-Bus drive rx 2 address
		0x0000d3ea		Tx ID 2		CAN-Bus drive tx 2 address
0x8a	(RO):	0x0063	99	V out	(VOUT)	Output-voltage usage
		0x0000	0	V red		Start point field reduction
		0x0000		V kp		Proportional amplification field
		0x0000		V-Ti		Time constant integral part field
		0x5441		??	_	Clear error list
		0x0000000		Warning-Error map	-	Description of 0x8f
	, ,	0x0000	0 10353455	M set (dig.)	-	Digital Torque Set Point Command position
		0x009dlb2l	0	??	_	CAN-BUS Bus-Off count
		0x0000		??	(CAN_ERROR_BUS) (CAN ERRWRITET)	
		0x0000		fpga 1st error	(POWER BOARD E)	
		0x0000		??	(CAN_COUNTREAD)	
		0x0000	0	??	(CAN COUNTWRIT)	
0x97	(RO):	0x0000	0	??	(CAN COUNTREJ)	
0x98	(RO):	0xface	-1330	O-Block	(LOG_O_BLOCK)	O-Block
0x99	(RO):	0x0446	1094	Info Intr		Info - Interrupt time
0x9a	(RO):	0x0004		(dbg) temp	(TEMP)	(dbg) Temp
		0xface	64206	in Block	(LOG_I_BLOCK)	
		0xface		Pt100-1		Temp. Sensor Pt100-1
		0xface		Pt100-2	(T-PT-2)	Temp. Sensor Pt100-2 Temp. Sensor Pt100-3
		0xface		Pt100-3 Pt100-4	(T-PT-3)	Temp. Sensor Pt100-3 Temp. Sensor Pt100-4
		0xface 0xface		M out		Digital Torque Intern
		0x0000		Ballast counter		Ballast counter
		0x38a4		I-red-TM	(I RD TM)	
			15000	M-Temp		Motor-Temperatur Abschaltpunkt
0xa4	(RW):	0x2001	8193	Label 0xa4		Description of 0xa4
0xa5	(RW):	0xb85107ff	3092318207	DC-Bus min, DC-Bus ma		_) Description of 0xa5
		0x0800	2048	FB-Incr (Mot)	(MOTOR_GEBER_I)	Increments per Rpm
		0x0002	2	FB-Pole	(MOTOR_GEBER_P)	
		0x0000	0	N act (filt)		Actual speed value (filtered)
		0x07f9	2041	I3 adc	-	Current sensor M1
		0x07f8	2040	I2 adc	· —	Current sensor M3
		0xa4f5	42229	Logic freq.	_	Forerground frequency
		0x01fe 0x0211	510 529	pwm1 (5/6) pwm2 (3/4)		pulse widths modulation Ph1 pulse widths modulation Ph2
		0x0211	529	pwm3 (1/2)		pulse widths modulation Ph3
		0x0053	83	T-intr	(TIMER DELTA)	
		0x5441	21569	??	(FUN SERIALBOO)	
		0x0007	7	L sigma-q	-	Stator Leakage inductance
0xb2	(RW):	0x0000	0	Id nom	_	nominal magnetising current
0xb3	(RW):	0x1b58	7000	L magnet.	(MOTOR_MAGN_L)	Motor magnetising inductance
		0x0000	0	R rotor	(MOTOR_ROTOR_R)	rotor resistance
		0x0000	0	Id min	_	minimum magnetising current
		0x07d0	2000	TC rotor	_	time constant rotor
		0x9b0d	39693	(dbg) ptrl	_	(dbg) ptrl
		0x0008	8	(dbg) *ptrl	(TEMP1_PTR_IND)	
		0x9cf0	40176	(dbg) ptr2	-	(dbg) ptr2
		0x0008	8	(dbg) *ptr2	(TEMP2_PTR_IND)	
		0x0008 0x0008	8	L sigma-d R stator		leakage inductance ph-ph stator resistance ph-ph
		0x0000	0	TC stator		time constant stator
		0x0000	0	Label Oxbe		Description of Oxbe
		0x0000	0	Label 0xbf		Description of Oxbf
	. , -			-	- '	*

RegNr	Тур	Hex value	Decimal	Label	(intern name)	Description
0xc0	(RW):	0x8000	32768	Label 0xc0	(LOGIC_DEFINE_)	Description of 0xc0
0xc1	(RW):	0x8012	32786	Label 0xc1	(LOGIC_DEFINE_)	Description of 0xc1
0xc2	(RW):	0x5f47	24391	Label 0xc2	(LOGIC_DEFINE_)	Description of 0xc2
0xc3	(RW):	0xe713	59155	Label 0xc3	(LOGIC_DEFINE_)	Description of 0xc3
0xc4	(RW):	0x3665	13925	I max pk	(DEVICE_I_MAX_)	Limit for peak current (Servo)
0xc5	(RW):	0x3666	13926	I con eff	(DEVICE_I_CNT_)	Limit for continius current (Servo
0xc6	(RW):	0x07d0	2000	I device	(DEVICE_I)	Type current, protected
0xc7	(RW):	0x2710	10000	R-Lim	(SPEED_DELTAMA)	Emergency stops time ramp, limit s
0xc8	(RW):	0x1388	5000	Nmax100%	(SPEED_RPMMAX)	Maximum rotation speed in turns pe
0xc9	(RW):	0x0000	0	xKp2	(I_KP2)	proportional amplification position
0xca	(RW):	0x0000	0	Ti	(POSI_KI)	integral action time (Integral par
0xcb	(RW):	0x0000	0	Kf	(I_KF)	•••
0xcc	(RO):	0xfffc	-4	0xcc	(POSI_ERR)	0xcc
0xcd	(RW):	0x0000	0	TiM	(POSI ERRSUMMA)	Limit integral storeroom peak valu
0xce	(RO):	0x1388	5000	Label Oxce	(SPEED RPMMAX)	Description of Oxce
0xcf	(RW):	0x0000	0	Label 0xcf		Description of 0xcf
		0x0000	0	T-Out	(CAN TIMEOUT)	_
		0x00006590		Var1	_	Comparison variable-1
		0x00000000		Var2		Comparison variable-2
		0x00000032		Var3		Comparison variable-3
		0x000000032		Var4		Comparison variable-4
		0x0000ffe6		Ain1		Analog Ain1 in/scaled
		0x0000011e0		Ain2		Analog Ain2 in/scaled
		0x000000000000		Offset 2	_	
						analog input 2 offset compensation
				Label 0xd8		Description of 0xd8
				Label 0xd9		Description of 0xd9
			61972		(LOGIC_DEFINE_)	
		0x0001	1		(LOGIC_DEFINE_)	
		0x0040	64	3.3		??
			64206	•••		•••
		0x0001	1	out Dout3	_	Digital output 3
		0x0001	1	out Dout4	_	Digital output 4
		0x0000		out Dout1	_	Digital output 1
0xe1	(RO):	0x0000		out Dout2	_	Digital output 2
0xe2	(RO):	0x0001	1	out Rdy (BTB)	(O_BTB)	Device ready
0xe3	(RO):	0x0001	1	O Go	_	Internal run
		0x0000	0	(in) Limit1	_	Digital input END1
0xe5	(RO):	0x0000	0	(in) Limit2		Digital input END2
0xe6	(RO):	0x0000	0	(in) Din1	(I_DIN1)	Digital input DIN1
0xe7	(RO):	0x0000	0	(in) Din2	(I_DIN2)	Digital input DIN2
0xe8	(RO):	0x0001	1	(in) Run (Frg)	(I FRG)	Digital input RUN
0xe9	(RO):	0x0000	0	I Fault	_	internal error message of the power
		0x0000	0	I Regen	_	message regen circuit
0xeb	(RO):	0x0962	2402	Vdc-Bus	_	DC-Bus voltage
		0x0000	0	I LossOfSignal		Resolver fault. Incorrect or missi
		0x000507d0		Decel.		Speed/torque deceleration ramp time
		0x02bc	700	I 100% (Stromsensor)	_	Current sensor justage (protected)
		0x0001	1	Label Oxef	_	Description of Oxef
		0x000f	15	T-peak	_	Timing for peak current
		0x0001	0	Brake delay	_	
		0x0000	0	O Brake		Brake delay time Brake on
			0		_	
		0x0000		O Icns	_	message continuous current
		0x0000	0	O Toler	_	message position in tolerance
		0x0001	1	O Less NO		message speed <1%
		0x0000	0	Power		Power
		0x02ac	684	Work		Work
		0x00005441		Axis	(ASCII_USER)	
		0x5441	21569	3.5	(ASCII_WR_EEP)	
		0x5441	21569	3.5	(ASCII_RD_EEP)	
0xfb		0x0000	0	Ain1 calc	_	Ain1 calc
	(RO):	0x0000	0	Ain2 calc	(AIN2_CALC)	Ain2 calc
0xfc			64005		/	
		0xface	64206	• • •	()	• • •
0xfd	(UK):	0xface 0xface	64206 64206	• • •		•••