

Kommunikation mit 11-Bit Identifier

		Alles in Hex								
		ID	MappingByte 0	Paer LowByte 1	Par HighByte 2	OffsetByte 3	Low Data LowByte 4	Low Data HighByte 5	High Data LowByte 6	High Data HighByte 7
Write Curr. Limit Max Pos Tx		0601	23	21	32	00	DC	05	00	00
	Response Rx	0581	60	21	32	00	00	00	00	00
Write Stromsollwert Tx		0601	23	00	32	00	05	00	00	00
	Response Rx	0581	60	00	32	00	00	00	00	00
Write Betriebsfreigabe Tx		0601	2F	04	30	00	00	01	00	00
	Response Rx	0581	60	04	30	00	00	00	00	00
Write Curr. Limit Max Neg Tx		0601	23	23	32	00	4C	04	00	00
	Response Rx	0581	60	23	32	00	00	00	00	00
Reset Errors Tx		0601	23	00	30	01	00	00	00	00
	Response Rx	0581	60	00	30	01	00	00	00	00
Send NOP Tx		0601	23	00	30	00	00	00	00	00
	Response Rx	0581	60	00	30	00	00	00	00	00
Write Current Setpoint Tx		0601	23	00	32	00	4C	04	00	00
	Response Rx	0581	60	23	32	00	00	00	00	00
Unprompted Receive Message Rx		0701	00							

Bytes	Wert mV	Parameter	Phys.	Hex	Format
8		3221.0	1500mA		u32
8			OK		
8	5 mA	3200.0			l32
8			OK		
8	1 = Freigabe	3200.0			u8
8			OK		
8		3223.0	1100mA		u32
8			OK		
8					
8					
8		3200.0	1100mA	0000044C	u32
8			OK		
8					

Sent by miControl when starting up

Read Curr. Limit Max Pos Tx		0601	40	21	32	00	00	00	00	00
	Response Rx	0581	43	21	32	00	DC	05	00	00

8	1 = Freigabe	3221.0			u32
8			1500mA		
8					

Read Curr. Limit Max Neg Tx	0601	40	23	32	00	00	00	00	00
	Response Rx	0581	43	23	32	00	4C	04	00
Read Power Block Voltage Tx	0601	40	11	31	00	00	00	00	00
	Response Rx	0581	43	11	31	00	AE	5B	00
Read Temperature Tx	0601	40	14	31	00	00	00	00	00
	Response Rx	0581	43	14	31	00	28	01	00
Read Motor RPM Tx	0601	40	04	3A	01	00	00	00	00
	Response Rx	0581	43	04	3A	01	28	01	00
Rea Current Setpoint Tx	0601	40	00	32	00	00	00	00	00
	Response Rx	0581	43	00	32	00	4C	04	00

8	1 = Freigabe	3223.0			u32
8			1100mA		
8		3111.0			u32
8	23470		23,470 V	00005BAE	
8		3114.0			i16
8	296		29,6 Cels.	0128	
8		3A04.1			i32
8	296		296 RPM	00000128	
8		3200.0	1100mA	0000044C	u32
8			1100mA	0000044C	

Siehe TAB „Byte 0“

#### Powerup Phase

Mega sendet	1st Msg	Tx	0701	00							1	
Mega sendet	2nd Msg	Tx	0581	00	FF	81	00	B1	8A	00	00	8

601 hex == Rx\_SDO + Node ID. Beispiel: 600 hex + 1 = 601 PC sendet an FU

581 hex == Tx\_SDO + Node ID. Beispiel: 580 hex + 1 = 581 FU sendet an PC

Datenreihenfolge bei miControl ist low ==> high. Beispiel: 1100d = 0x044C Offset 0 = 4C, Offset 1 = 04

Datenreihenfolge bei Bascom ist high ==> low. Beispiel: 1100d = 0x044C Offset 0 = 04, Offset 1 = 4C