

Pin Layout Connector C 50

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Connector AS-2-14-35PN

Pin	Name	Description	Direction	Remark
1	ANA05	analog signal 5	input	
2	ANA06	analog signal 6	input	
3	switched positive Kl. 15	switched power supply Ubat	input	
4	unit ground (Kl. 31)	ground power supply	input	
5	USB_Power	USB power	input	
6	USB_DP	USB data +	input	
7	USB_DM	USB data -	input	
8	USB_GND	USB ground	input	
9	ETH1_RX-	Ethernet interface 1 (10/100BaseT)	bidirectional dataline	
10	ETH1_TX-			
11	REV1	speed signal 1	input	

Pin	Name	Description	Direction	Remark
12	REV2	speed signal 2	input	
13	SENSPWR10	10 V power supply for analog sensors	output	
14	SENSPWR5	5 V power supply for analog sensors	output	
15	ANA01	analog signal 1	input	
16	ANA02	analog signal 2	input	
17	ANA03	analog signal 3	input	
18	ANA04	analog signal 4	input	
19	ANA07	analog signal 7	input	
20	ANA08	analog signal 8	input	
21	RS232_GPS_TX	RS232_GPS transmit data	Bidirectional dataline	for GPS-sensor
22	ETH_SCR	screen for Ethernet	screen	
23	REV3	speed signal 3	input	
24	ETH1_RX+	Ethernet interface 1 (10/100BaseT)	bidirectional dataline	
25	ETH1_TX+			
26	REV4	speed signal 4	input	
27	LAP_TRIG	laptrigger input	input	
28	TimeSync	signal of synchronisation	input	for timing of system components
29	CAN1_H	CAN interface 1 (up to 1 MBit/s)	bidirectional dataline	MS 3/MS 4 CardMemory
30	CAN1_L			
31	RS232_GPS_RX	RS232_GPS receive data	bidirectional dataline	for GPS-sensor
32	UBATT (KI. 30)	power supply Ubat	input	
33	RS232_1_TX	RS232_1 transmit data	bidirectional dataline	for telemetry link
34	RS232_1_RX	RS232_1 receive data		
35	CAN2_H	CAN interface 2 (up to 1 MBit/s)	bidirectional dataline	MS 3/MS 4 CardMemory
36	CAN2_L			
37	SENSGND	sensor ground	output	

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