



TI-285D

■ 技术源自德国
■ 驱动民族工业

CAN Open



1.2

1.2

2.2

3.2

.....2

1.2

2.3

3.3

4.3

.....4

1.4

PC7

.....13

.....13

.....14

1.14

.....15

1.

TI-285D HamDerBurg CAN OPEN
 32 DSP 1-127 ID

2.

32 DSP 28 42 57
 1 0-5V 60 86
 4 OC 5 2
 1MHz 1MHz
 0.1-8A

3.

AGV

1.

	TI-285D			
()	0.1	-	8.0	A
	15	36	50	VDC
	6	10	16	mA
	4.5	5	28	Vdc
OC	5	-	24	Vdc
CAN OPEN	10		1000	KHz
	0		5	Vdc
	100			M



2.

-10 +50
40 90%RH
5.9m/s2MAX
-20 60
1000



TI-285D(CAN OPEN)

ez-	
eu+	
eu-	
ev+	
ev-	
ew+	
ew-	
5V	5V 100mA -285D
gnd	5V

3

GND	
+VDC	15~50Vdc 24Vdc 36Vdc
A+	A+
A-/U	A- U
B+/V	B+ V
B-/W	B- W

4 CAN OPEN

CAN OPEN RJ45

1	CANH	CAN OPEN	CAN IN
2	CANL	CAN OPEN	CAN IN
3	NC		
4	EGNG	CAN OPEN	
5	EGNG	CAN OPEN	
6	NC		
7	EGNG	CAN OPEN	
8	EGNG	CAN OPEN	
9	CANH	CAN OPEN	CAN OUT
10	CANL	CAN OPEN	CAN OUT
11	RS232-RXD	RS232	TTL -3.3V
12	EGNG	CAN OPEN	
13	EGNG	CAN OPEN	
14	RS232-TX	RS232	TTL-3.3V
15	EGNG	CAN OPEN	
16	NC		



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TI-285D PC STU

5

TI-285D 8 CAN

5 CAN 2 CAN

CAN ID Table

ID	S1	S2	S3	S4	S5
Reserved()	On	On	On	On	On
1	Off	On	On	On	On
2	On	Off	On	On	On
3	Off	Off	On	On	On
4	On	On	Off	On	On
5	Off	On	Off	On	On
.....
30	On	Off	Off	Off	Off
31	Off	Off	Off	Off	Off

CAN ID ID=1*S1+2*S2+4*S3+8*S4+16*S5

ID 0 0

CAN Baud Rate Table

Baud Rate	SW6	SW7
Default(100KHz)	On	On
200KHz	Off	On
500KHz	On	Off
1MHz()	Off	Off

CAN SW8 off=CAN R off off

on=CAN R on

SW8=on

6

LED

LED

LED

LED

3



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LED LED 3

		LED	
1	1		
2	2		
3	3		
4	7		

PC

TI-285D CAN
 CiA301 402
 CANOPEN CANOPEN PLC
 SDO TI-285D OD
 PI IO
 OD_Builder
 EDS

1)

canopen					
2000+00		R/W/S	3200	1—	(mA)
2001+00		R/W/S	50000	200— 51200	
2002+00		R/W/S	500	100— 10000	ms
2005+00	1 —	R/W/S	1	1—4	bit0 bit1 ready Bit2:



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2006+00		R/W/S	1	0/1	0 1
2007+00		R/W/S	0	0/1	0 1
2008+00	1	R/W/S	0	0/1	0 1
2009+00		R/W/S	0	0/1	0 1 (Fir)
2010+02		R/W/S	1000	50— 25600	Fir 50—25600us
2013+00		R/W/S	1	0/1	PI 0 1
2015+00	Kp	R/W/S	1000	200— 32767	
2016+00	Ki	R/W/S	200	0— 32767	
2017+00	Kc	R/W/S	100	80—300	
2020+00		R/W/S	1000	1— 20000	mOhms
2021+00		R/W/S	1	1—6000	uH
2024+00		R/W/S	2	0~2	1 2
2025+00		R/W/S	5	0—10	0 1 Lead 2 PM 3 FOC 4 5 CL
2026+00		R/W/S	50	0—100	%
2029+00		R/W/S	1000	200— 60000	p/r
2030+00		R/W/S	1000	1— 60000	p
2039+00	H	R	0	0~65535	16bit



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2040+00	L	R/W	0	0~65535	1	16bit
2041+00	H	R	0	0~65535		16bit
2042+00	L	R/W	0	0~65535	1	16bit
2051+00		R/W/S	0	0/1	0 1	
2053+00		R/W/S	0	0~1	0: 1	
2056+00		R/W/S	0xc3	0— 0xffff		
2057+00		R/W/S	0	0/1	0 1	
2058+00		R/W/S	1	0— 10000		50us
2060+00		R/W/S	0	0—100		
2061+00	A	R/W/S	0	0—255		A
2062+00	B	R/W/S	0	0—255		B
2063+00		R/W/S	0	0—100		
2064+00	A	R/W/S	0	0—255		A
2065+00	B	R/W/S	0	0—255		B
2066+00		R/W/S	0	0—100		
2067+00	A	R/W/S	0	0—255		A
2068+00	B	R/W/S	0	0—255		B



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2069+00		R/W/S	0	0—100		
2070+00	A	R/W/S	0	0—255		A
2071+00	B	R/W/S	0	0—255		B
2072+00	Z	R/W/S	0	0—255		Z
2083+00		R/W/S	0	0/1	0: 1:	
2137+00	KP	R/W/S	120	0~150		
2138+00	KI	R/W/S	50	0~150		
2139+00	KVFF	R/W/S	70	0~150		
2140+00	KP	R/W/S	60	0~150		
2150+00	CANopen 2	R/W/S	0	0—3		
2151+00	CANopen	R/W/S	0—7			kBdi1MBaud 0 // 1 MBit/sec kBdi800kBaud 1 // 800 kBit/sec kBdi500kBaud 2 // 500 kBit/sec kBdi250kBaud 3 // 250 kBit/sec kBdi125kBaud 4 // 125 kBit/sec kBdi100kBaud 5 // 100 kBit/sec kBdi50kBaud 6 // 50 kBit/sec kBdi20kBaud 7 // 20 kBit/sec
2152+01	1 IO	R/W/S	1	0— 32768	1 2 4 8 AIO 16 AIO	
2152+02	2 IO	R/W/S	2	0— 32768	1 2 4 8 AIO 16 AIO	
2152+03	3 IO	R/W/S	4	0— 32768	1 2 4 8	



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					AIO	16
					AIO	
2153+01	1	IO	R/W/S	1000	50— 60000	us
2153+02	2	IO	R/W/S	1000	50— 60000	us
2153+03	3	IO	R/W/S	1000	50— 60000	us
2154+01	IO1		R/W/S	0	0/1	0 1
2154+02	IO2		R/W/S	0	0/1	0 1
2154+03	IO3		R/W/S	0	0/1	0 1
2155+01	IO1		R	0	0/1	0 1
2155+02	IO2		R	0	0/1	0 1
2155+03	IO3		R	0	0/1	0 1
2156+00	AIO		R/W/S	0	0/1	0 1
2157+00	AIO		R/W/S	1000	50— 60000	us
2158+00	AIO		R/W/S	0	0—1000	0.01V
2159+00	AIO		R/W/S	0	0—1000	0.01V
2160+01	AIO 10V		R/W/S	500	0—2000	0.1*R/S



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2160+01	AIO	R/W/S	1	0— 65535	R/S/S
2161	CANOPEN	R/W/S	0	0/1	0 CANOPEN 1
2090+00		R/W			
2091+00		R/W			
2093+00		R/W			

canopen			
6040+00	R/W	0x06: - 0x4F-5F:	0x0F: 0x2F-3F: 0x103F: 0x0F-1F:
6041+00	R		0x0B: 0x80:
6060+00	RW	1— 3— 6—	
6061+00	R		
607A+00	R/W	1	
6063+00	R		
6081+00	R/W	1	
60FF+00	R/W	3	
606C+00	R/W		RPM



TI-285D(CAN OPEN)

6083+00		R/W	
6084+00		R/W	
6098+00		R/W	
6099+01		R/W	
6099+02		R/W	
609A+00		R/W	
607C+00		R/W	



TI-285D(CAN OPEN)



1.

		7-16mA
		A+ A-

TI-285D PP PV Homing

TI-285D

- 1
- 2
- 3
- 4
- 5

60%

1

1 3

2

TI-285D 55V 2 3

3

TI-285D 15V 3 3



“ ”

<http://www.hamderburg.com>

1

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2

7

7

24

3

4