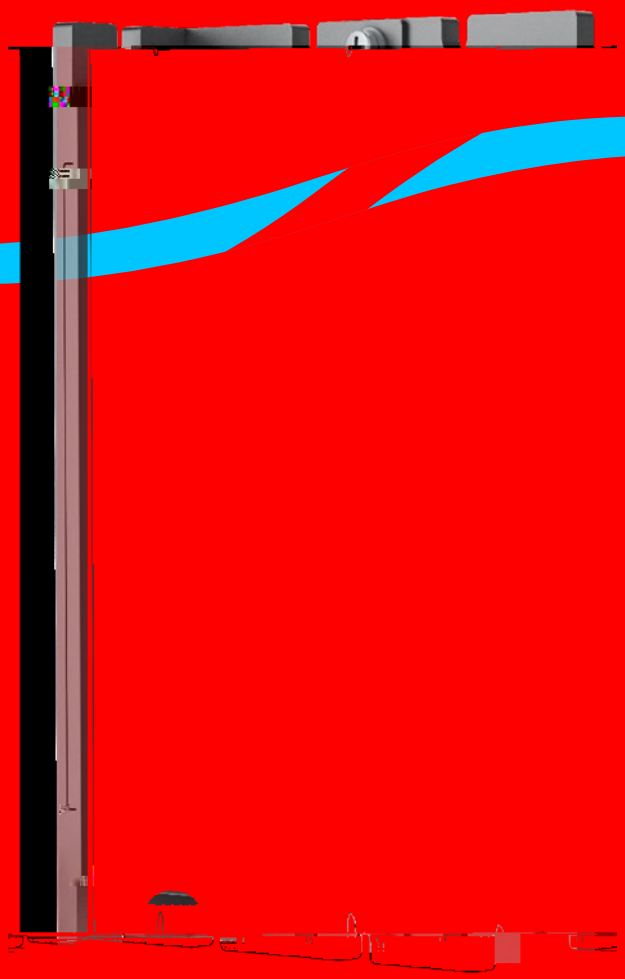
HCF
禾川 技

AMD530B



l¬ nö l` '#A8 ^p

nöo³h#ïA@ù.§

AMD CiA402 / /IO /

nöo³:n÷WE a.ï

1.

2.

1

12PIN 1

1

;h/• ⚠	• • •

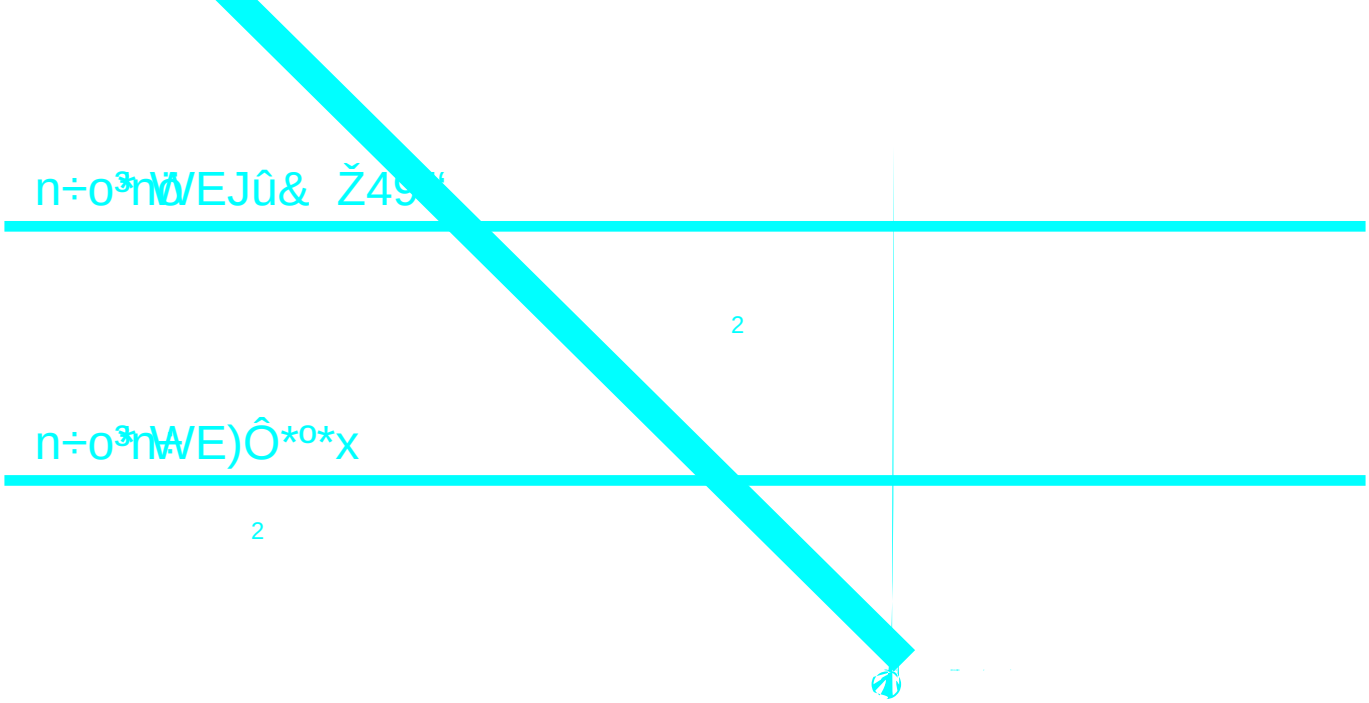
nöo³&ażwZt4Ž

AMD ____ _ - _ D _ ___ - _____

1 2 3 4 5 6

nöo³Cµù:”XD6¼

	AMD B- D	
)	1.0~8.1A	
	28~86	
	24~75Vdc	
L*W*H mm)	134*82*29	
	0.262kg	
	HCS_Studio.exe	


n÷o³nWEJû&
2
n÷o³nWE)Ô*o*x
2

Cµ5º6Æ66E 2%%°0–Cµ5ºE 2%%°

FG FG

^ å^ z a"wC¨CµM† - zB0$êfs4v

CµM†E %z*

( )

nøoºCµø= # Cµ5ºIo)ÐE ^^2%

nøo³ñ¿ñ(ÿ$èA6.•1‡Gº>ï

POWER				-	-
				-	-
ALM				0	0
		1		1	
		2		2	0x3210
		3		4	0x3220
		4		-	-
		6		0x4000	0xFF00
		7		0x0060	0xFF00

nøo³ïnp1F•-€ ó

SW8 /

SW8 OFF SW8 ON

SW1-SW7 OFF=1( ) ON=0( ) 127 127;

Default 0	ON	ON	ON	ON	ON	ON	ON
1	OFF	ON	ON	ON	ON	ON	ON
2	ON	OFF	ON	ON	ON	ON	ON
3	OFF	OFF	ON	ON	ON	ON	ON
…	…	…	…	…	…	…	---
126	ON	OFF	OFF	OFF	OFF	OFF	OFF
127	OFF	OFF	OFF	OFF	OFF	OFF	OFF

=SW1*1+ SW2*2+SW3*4+SW4*8+SW5*16+SW6*32+SW7*64

0x2151

0x2151 0 0x2151 1

l¬ nù l` A ; \E n E =Zƒ ZU]ï v

nûo³hø¶8¡-•E Z>*

6060h 6061h

1	Profle position mode	PP	
3	Profle velocity mode	PV	
6	Homing mode	HM	
8	Cyclic synchronous position mode	CSP	
9	Cyclic synchronous velocity mode	CSV	

nûo³hÙ Ü8¡-• ‹E ñ"ŒZ>*

nûo³nùo³ñ)ö×p nûnõnùnõ p

6-2 (6040h)

7 3~0 402 6-3

6-3 7 3~0

							)
	0	×	1	1	0	0006h	2;6;8
	0	0	1	1	1	0007h	3*
	0	1	1	1	1	000Fh	3**
	0	×	×	0	×	0000h	7;9;10;12
	0	×	0	1	×	0002h	7;10;11
	0	0	1	1	1	0007h	5
	0	1	1	1	1	000Fh	4;16
		×	×	×	×	0080h	15

8 6~4 6-4

6-4 8 6~4

	(PP)	(Pç)	(CSç)	(HM)	(CSP)
8					
6	/				
5					
4					

p p Ex ó"B3ð

( )

6-6 PP

A

B ( )

C ( )

p p ëx ó"Bзð

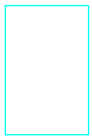
( )

6-10 HM

nûo³nûĵ^ô³Sî:Ÿ-&8¡-•

p €p!o³}2O^p

PV CSV PP CSP PV PV



PV (6041h) 15~12 10 8

6-16 PV 15~12 10 8

( )		
8( )	0	
	1	
10( )	0	
	1	
12(0)	0	0
	1	0 0 *1)

) Pç

—Pç

l¬ nü l` ,¸C¨! O}

DO

11		
12	2 0 2 1 2	
13	2 0 2 1 2	
14		2 0 DI5
15		2 DI 0 DI5 1 DI5

¾ (Õ ÿC¨2"c ! O}oä9åi$(‹oâ

1 DI

1 DI4 P02.03=5; 2 DI5 P02.04=6

P02.03	DI4 “5” 1
P02.04	

l¬ ný l` *yZá)× ø

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nýo³ŋyƵá)× øMS6

CiA402

0x0000~0xFFFF	
0x1000~0x1FFF	COE
0x2000~0x5FFF	
0x6000~0x9FFF	

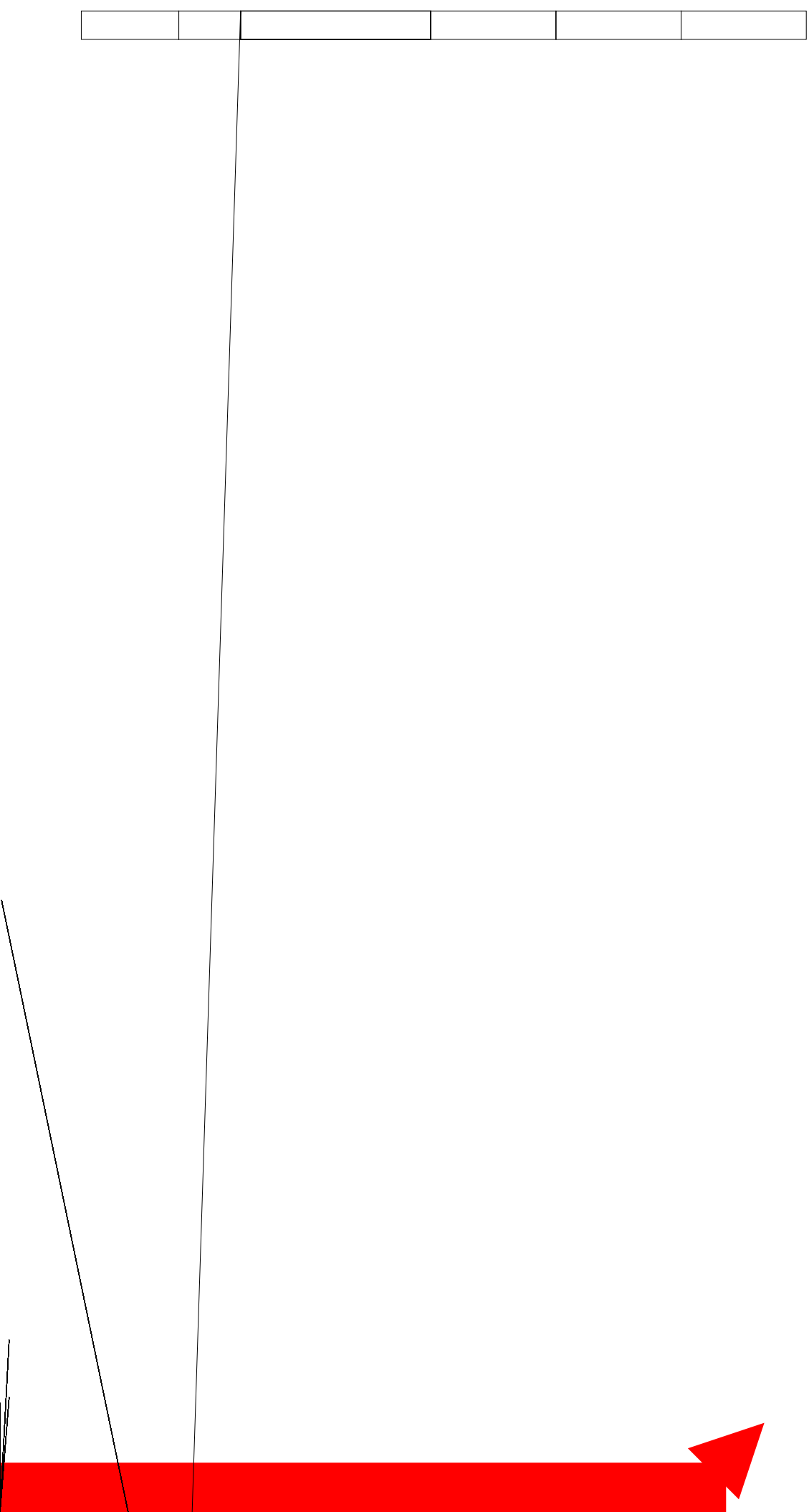
2000	0x1010-02	0x65766173	2000
	0x1010-02	0x74736572	
6000	0x1010-01	0x65766173	6000
	0x1010-01	0x74736572	

nýo³ŋyƵáMDnõ ‘nönõnõnõ †_Í €XH

0x1C12	0~4	RXPDO	R/W	UINT32	0~32767	1600	
0x1C13	0~2	TXPDO	R/W	UINT32	0~32767	1A00	
0x1C32	0~18	RXPDO	R	UINT	0~32767		
0x1C33	0~10	TXPDO	R	UINT	0~32767		

nýo³ŋyƵáMDnõ ‘n÷nõnõnõ †_Í €XH

0x2000	0		R/W	UINT16	0~8100	1500	mA



nýo³nyZáMDnõ ‘nûnõnõnõ †_Í €XH5050

0x606C	0		R	DINT	-2,147,483,648~2,147,483,647	0	P/S

—

0x607A	0		R/W	DINT	-2,147,483,648~2,147,483,647	0	P

—

0x60FF	0		R/W	DINT	-2,147,483,648~2,147,483,647	0	P/S

pv 3

0x607C	0		R/W	DINT	-2,147,483,648~2,147,483,647	0	P

—

0x6080	0		R/W	UDINT	0~4,294,967,295	833333	—

—

0x6081	0		R/W	UDINT	0~4,294,967,295	0	—

—

0x609A	0		R/W	UDINT	0~4,294,967,295	833333	P/S^2

—

0x60B8	0		R/W	Uint16	0~65535	0	—

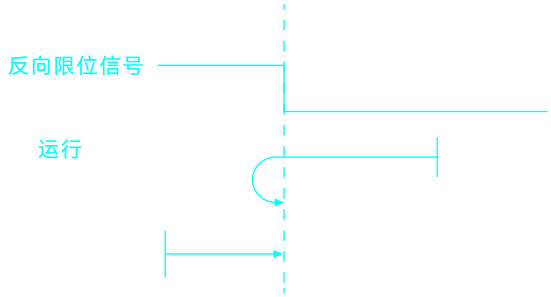
0x60B9	0		RO	Uf	0~65535	0	—

0x60BA	0	1					

l¬ nþ l` %^" 49-•

nþo³ńö" 49-•p(nönúHMp)

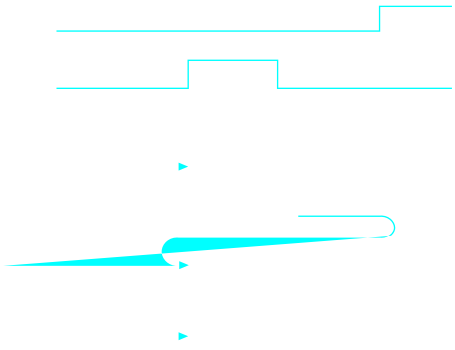
%^" 49-•nönüoâ e"M"‘dÐ Í a"w%^" p nûnõnþný p nönüp



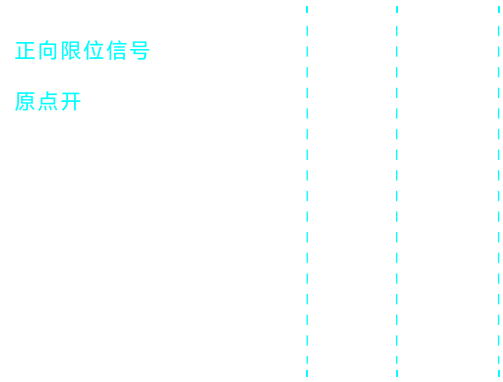
A:

B:

%^" 49-•n÷nùoâ e" ?9 a"w# 9ã"'dĐ Í a"w %^" p nûnõnþný p n÷nùp



%^" 49-•n÷nûoâ e" ?9 a"w# 9ã"'dÐ Í a"w %^" p nûnõnþný p n÷nûp



%^" 49-•n÷nýoâ e" ?9 a"w# "M"'dĐ Í a"w %^" p nûnõnþný p n÷nýp

反向限位信号

原点

I¬ nönõ I3Åe '„B†

HCFA