SPI ROM Programmer SOP

 Install SOP16/6-DIP8 REV4 adapter on DreamPro3 Programmer Cable Pin-1 is at upper left position. Push down the lever to secure the adapter.
Note: Keep the default jumper position (arrow below in red) on DreamPro3 Programmer Note: Do NOT apply power during installation to prevent damage



 2. Remove any source of current and CMOS battery out of the board and locate the BIOS chip Identify BIOS pin-1: (1) Pin-1 is marked with a blue dot (arrow below in red)
(2) A small triangular mark on PCB (circle in red)





3. Carefully clamp the chip legs with the clip, making sure there is good contact and the clip st in place. Pin-1 from the clip (usually marked and attached to a red cable) should match pin-the chip (next to a triangular mark).



4. Please refer to Guangzhou Youss to install DreamPro3 driver. Another Windows 10 or Window 7 PC required to connect and run DreamPro3.

Note: Remove power and CMOS battery out of the board during programming.

3	A.C					1	GZU	T_D	rea	amP:	ro3	2.	0								000
File Operation Buffer	Tools Devic	e S	Sett	ings	He	elp															
Info Composant	data																			note	
Type: 25 SPI FLASH 🗘	🗌 Edit Mo	de					Fil	e cł	neck	ຮພ	n: O(0000	000	00		Com	p. c	check sum: 0000)FF0000		
Firm: AMIC \$	ADDR	0	1	2	3	4	5	6	7	8	9	A	в	С	D	E	F	ASCII	*		
	00000000	FF			FF	FF		EF					FF	EE	FF						
Comp. A25L05P	00000010	FF	FF	EE.	FE	FF	FF	FF	FP.	FF	FF	EE:	FF.	FF	FF	FF		200000000000			7 HOLD
Capa: 512Kbits/64Kbytes	00000020	FF	FF	FF	FF		FF	FF	FF	FF	FF	FF	FF	FF	FF	FF					
Device Info	00000030	FF	FF	FF		FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF				3 1 3
SN: 263181 Ver: 1.0	00000040	FE		FF.	FE	FF	FF	FF	FF	FE		FF.	FE	FF	EE	FE		<u></u>			
ID: 206574745DA9F210F111	00000050	FF	FF	FF	FE	FF	FF	FF	FF			FR	FE	FF	FF	FF	FP				
OfflineCc O Auto O Manus	00000060	FF	FF	FF	FF	FF	FF														
Operation	00000070	FF	FF	FF		FF	FF	FF	FF			FF	FF	FF		FF	FF				
	00000080	FE		FF	FF	FF		FF					FF	FF	FF	FF	FF				
Auto(F9)	00000090	EF.	FF	EE:	EE)	FF		FF	FP			EP:	EE.	FF	FF	FF					
	000000A0	FF						FF						FF		FF				1 6	
Erase(F4)	00000080	FF	FF			FF		FF					FF	FF		FF				L O DHO	
	000000000				F.F.	FF		FF	FF				EE.	EF	E.F.					上の脚口	
	00000000	FF	FF					FF					FE	FF		FF					
Program(P6)	000000E0	FF	FF	FF			FF	FF	FF	FF	FF	FF	FF	FF	FF	FF				下8脚 9	
	000000F0	FF						FF				FF		FF							
Verify(F8)	00000100	FF			FF								FF	FF	FF						
	00000110	F.F.			FE			FF						FF							
Read(F7)	00000120																				
	00000130	FF																	Ψ.	1	
Blank (F3) Test (F5) Bulk (F2)	16:13:19	Devi	ce c	onne	ecte	d wi	th 1	none	сол	npon	ent.									Ŧ	
Device connected with none	component		fil	e:	sup	port	fi	le d	ragi	ing									Brower		6200*

5. Click "Test (F5)" to make sure the BIOS chip is successfully detected.

le Operation Buffer T	ools Device	S	etti	ings	He	lp														
Info Composant	data																			note
Type: 25 SPI FLASH 🛊	Edit Mod	e . (QE	0	tion	}	Fil	e cl	heck	: sun	: 00	0000	0000	0		Con	p. c	heck sum: 00FF0000	00	r
Firm: GIGADEVICE (SC)	ADDR	0	1	2	3	4	5	6	7	8	9	A	в	c	D	E	F	ASCII	-	
ono: 602510128-1	00000000						F7					ŦŦ				15		******	1	
10000 (1000	00000010																		-11	WPC 3 6
apa: 128Mbits/16Mbytes	00000020																		-11	GND 4 5
evice Info	00000030																		-11	
N: 263181 Ver: 1.0	00000040																	mana	-88	
: 206574745DA9F210F111	00000050																		-11	F
fflineCc O Auto O Manua	00000050																		-88	
peration	00000070					6	1.4								<u></u>	ő.			-11	
Auto (F9)	00000080					з			Ind	Form	at	ion			E				-11	(a
	0000090					18													-11	l l ·
	00000040					31			122										-11	di la companya di seconda di
Erase (F4)	00000050	17				1	6	n	fine	£									-11	I-BIHI
	00000000					з		U	Typ	e:25	SPIN	FLAS	H						-11	T_0/94
Program(F6)	00000000					31			Co	moiG	AUE D25	101	(SC) 78.1						-11	0 0
	COCOCEC					31						250							-11	下8脚 二 5
	000000+0				1	1													-11	100
Verify(F8)	00000100				1	1							_		_	-			-11	
	00000110			1		1						- 1		確定		11		,	-11	
Read(F7)	00000120		1			11												101000000		
	00000130	1			1.0.0	1.7						112								
Black(E2)	16:13:19 04	evi(te c	onne	cte	i wi	ith r	none	. cos	npon	nt.									
DI dik (F 5)	16:14 18 De	ivi		onne	ete	d wa	ith 1	reco	gni	red :	PI	FLA:	SH							
12000200																				
Test (F5)	1																			
Bulk(F2)																				

6. Press "Browse" and select the BIOS file (*.rom or *.bin) you need. Note: Please store the BIOS file in local C drive, not in a USB device.

3	GZUT_DreamPro3 2.0	$\Theta \Theta \Theta$
File Operation Buffer 1	ools Device Settings Help	
Info Composant	data	note
Type: 25 SPI FLASH 🛊	Edit Mode QE Option File check sum: 0000000000 Comp. check sum: 00FF000000	
Firm: GIGADEVICE(SC) 🛊	ADDR 0 1 2 3 4 5 6 7 8 9 A 8 C D E F ASCII	
Comp: GD25I0128-I	00000000 FF F	
Company 1990 it a (100 bet an	00000010 FF	WP 3 6 SCK
Capa: 126mbits/16mbytes	00000020 FF	
Device Info		
SN: 263181 Ver: 1.0		
ID: 206574745DA9F210F111	13 開設 🕀	
OfflineCc 🖸 Auto 🔾 Manuz	00000070	
Operation		
Auto (F9)	00000090 個人 名稱 ▲ 修改日期	•
	0000000A0 BAR3EA05.ROM 2018/8/15 下午 04:56	
F (F 4)	00000080	
Erase(F4)	00000000	上8脚
	00000000	
Program(F6)	000000E0	
	000000F0	
Verify(F8)	00000100 檔案名稱(叭):	
	00000110 档案辑型/(T)· ** 1	
Read(F7)	00000120	
	00000130 FF	
P1 1 (P2)	16:13:19 Device connected with none component	
DIank (F3)	16:14:18 Device connected with recognized SPI FLASH	
	16:14:41 25 SPI FLASH : GIGADEVICE(SC) : GD25LQ128-L : 128Mbits/16Mbytes	
Test (F5)	16:14:41 ***** suggest to use the bottom 8 pins *****	
Bulk(F2)		
		CTUA
Device connected with reco	migad SPI ELOSE file. Support file draging	6200"
Dovice connected with 1600	Diver	

7. Select "Auto (F9)" to start flashing the BIOS.

3 GZUT_DreamPro3 2.0 - BAR3EA05.ROM 8192.00KB O O																			
File Operation Buffer T	ools Devic	e Se	ettir	ngs	Help														
Info Composant	data																		note
Type: 25 SPI FLASH 🛊	🗌 Edit Mo	de 🗌	QE	Opti	on	Fil	e cł	neck	su	n: 00	0636	487E	14		Com	р. с	heck sum: 00E2E4871	E4	(
Firm: GIGADEWICE (SC)	ADDR	0	1	2 3	4	5	6	7	8	9	A	в	С	D	E	F	ASCII		
	00000000	FF	FF	FF F	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF			
Comb: GD29F0158-F	00000010	5A	A5	FO O	- 03	00	04	02	06	02	10	OB	20	00	21	00	Z!.		
Capa: 128Mbits/16Mbytes	00000020	25	00	00 00	D FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	96		
Device Info	00000030	24	00	90 6	4 00	00	00	00	00	00	00	00	FF	FF	FF	FF	\$d		
SN: 263181 Ver: 1.0	00000040	00	00	00 00	00 0	03	FF	07	01	00	FF	02	FF	1F	00	00			
ID: 206574745DA9F210F111	00000050	FF	1F	00 00	D FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF			
OfflineCc O Auto O Manus	00000060	00	00	OB 0.	A 00	00	0D	0C	FF	FF	FF	FF	FF	FF	FF	FF			
Operation	00000070	FF	FF	FF FI	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF			Y Y
	00000080	FF	FF	FF FI	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF		-	
Auto(F9)	00000090	FF	FF	FF FI	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF		-	
	000000A0	FF	FF	FF FI	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF		-	
Erase(F4)	00000080	FF	FF	FF FI		FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF		-	Le lin d
	00000000	FF	FF	FF FI	- FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF		-	
Stop program (E6)	00000000	FF	FF	FF FI		FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF		-	
btop program (roy	000000E0	FF.	FF					++		FF	++	FF C	FF.	FF	FF		and the second s	-	下8脚口宫 宫口
	000000000	FF	FF	FF FI		FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF		-	
Verify(F8)	00000100	00	00	00 0	00 0	00	00	00	FC	BC	05	FC	03	08	10	18		-	
	00000110	OE	00	AU 4		00	00	00	00	00	00	00	C3	07	00	00	A	-	
Read(F7)	00000120	C3	US .	00 0	5 47	00	00	00	4/	00	00	00	FF	FF FF	FF	FF	GG	-	<u></u>
	00000150	15		rr (r		rr.	rr.		~~		~	. FF		PP.	rr.	~~		Ŧ	
Blank (F3)	16:21:24	BAR3E	A05.	ROM 8	192.1	DOKB													
	16:21:24	Devic	e co	nnect	ed w:	ith 1	reco	gniz	ed	SPI	FLA	SH							
- + (mm)	16:21:24	25 SP	I FL	ASH :	GIG.	IDEV.	ICE (SC)	: G	D25L	Q12	8-L	: 12	28МЪ	its/	(16 M	oytes		
lest(FD)	16:21:24	****	sug	gest	to u:	se th	ne b	otto	m 8	pin	IS *	****							
	16:21:24	Erası	ng	in en e	10.11														
Bulk(F2)	16:21:30	Erase	11n	ished	10:1;	-													
	10:21:30	hroßr	antu	egru-															C711
programmed309	6		files	C:	۱	\111	1111	1111	1111	1111	111	1111	111	BAR	3EA	05. R	OM Bro	wer	0200
pa ogrannedos,	•																1 [1

8. Wait for all programmer activity until it is finished. (usually takes about 1 to 3 minutes)

3	GZU	T_D	ream	Pro	32	. 0	- B	AR	3EA	05.	ROM	1 8	319	2.0	OKB				000
File Operation Buffer Tools De	vice Se	ttin	gs H	Ielp															
Info Composant data																		note	
Type: 25 SPI FLASH 🛊 🗌 Edit	Mode 📃	QE	Optic	m	Fil	e cł	neck	sw	n: Ol	0636	487E	14		Com	p. c	heck sum: OOE2	E487E4		
Firm: GIGADEVICE (SC) ADDR	0	1	2 3	4	5	6	7	8	9	A	в	С	D	E	F	ASCII	4		
000000	O FF	FFF	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF			CS -1	8 🗆 VCC
Comp: GD25LQ128-L 🔹 0000000	.0 5A	A5	O OF	03	00	04	02	06	02	10	OB	20	00	21	00	Z!.		SO 2	
Capa: 128Mbits/16Mbytes 0000002	0 25	00 (00 00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	%			6 SCK
Deuice Info 0000003	0 24	00 9	90 64	00	00	00	00	00	00	00	00	FF	FF	FF	FF	\$d		GNU C 4	2 2 3
SN: 263181 Ver: 1.0	00 00	00 0	00 00	00	03	FF	07	01	00	FF	02	FF	1F	00	00				
ID: 206574745DA9F210F111 000000	O FF	1F (00 00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF				
OfflineCc O Auto O Manua 0000000	00 00	00 (DB OA	00	00	0D	0C	FF	FF	FF	FF	FF	FF	FF	FF				
Operation 0000007	O FF	FF F	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF				
000000	IO FF	FF F	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF			1	
Auto (F9) 0000009	O FF	FF	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF				•
000000/	O FF	FF F	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF				
Frase (Fd) 0000006	O FF	FF F	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF			1 Othe	
	O FF	FF F	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF			上8脚	
0000000	DO FF	FF F	FF FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF				
Program(F6) 0000006	O FF	FF F	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF			下8脚	
000000	O FF	FF F	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF			1 0///	
Verify(F8) 0000010	00 00	00 (00 00	00	00	00	00	FC	BC	05	FC	03	08	10	18				
000001	O OE	00 /	40 41	01	00	00	00	00	00	00	00	C3	07	00	00	A		L	
Read(F7) 0000012	о сз	03 (00 00	47	00	00	00	47	00	00	00	FF	FF	FF	FF	GG	_		
0000013	O FF	FF F	F FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF		-		
16.21.2	1 Frasii	10			_	_	_	_	_	_	_	_	_	_			4		
Blank(F3) 16:21:3	6 Erase	fin	ished	0:12															
16:21:3	6 progr:	am be	egin.	0.000															
Test (F5) 16:22:1	6 progra	am si	icces:	full	yl 8	3388	608	byt	e(s)	, 0: •	40								
16:22:1	6 Verif	7 beş																	
Bulk (F2) 16:23:3	1 Verify	7 fin	nishe	i, no	erro	or!1	:15												
16:23:3	1 Auto, 1	Irase	e, Pro:	gram,	Veri	fy,	fini	she	d, 2:	7									and the second second
From the second second second second		5 AL		0 14															J GZUa [®]
Auto, Erase, Program, Verify, finished,	2:7 f	ile:	C:	()		1111	1111	111	1111	m	1111	m	/BYP	IJEAU	J5. R(JW	Brower		