Uniflash program operation guide

 Download the Uniflash program, please download it from Shiningintl official web, and then install the program into computer. Please bear in mind that the .out file must be stored in an English letter path. Please download the program on

https://www.shiningintl.com/shiningintldata/shiningintl-inverter-download-tool.zip

2、 Start programing

1. Open the Uniflash application and directly search for the DSP chip type in the search bar, now we use 280039C chip, then click to select the correct chip model TMS320F280039C.

UniFlash			>
UniFlash Session - About			2 Help 🔅 Setting
Detected Devices			
· Delected Devices			
Status: Active - Monitoring for changes			Setting: Auto *
	No debug probes/devic	es detected	
✓ New Configuration			
	Choose Your I	Device	
	Category: All C2000 mmWave MSP PGA Saf	ety Tiva UCD Wireless Bootloader	
	Q 280039	11 ×	
	1MS320F280039	On-Chip	
	TMS320F260039C	On-Chip	
	(c) 100		
 Create Session From Existing Target C 	onfiguration File		

2. Select the programmer model, we are using the XDS100V3 programmer, and then click select.

		- 0	
UniFlash Session - About		🕑 Help 🕻	Sett
 Detected Devices 			
tatus: • Active - Monitoring for changes		Setting: Auto	2
	Connection: Texas Instruments XDS100v3 USB Debug Probe Device: (click to manually select)		
New Configuration			
	Selected Device:		2
	 Statistical Add Series 		
	Choose Your Connection		
	Choose Your Connection Connection Name (11 Available)	×	
	Choose Your Connection Choose Your Connection Choose Your Connection Spectrum Digital XDS560V2 STM LAN Emulator	×	
	Choose Your Connection Choose Your Connection Choose Your Connection Spectrum Digital XDS560V2 STM LAN Emulator Spectrum Digital XDS560V2 STM TRAVELER Emulator	×	
	Choose Your Connection Choose Your Connection Choose Your Connection Choose Your Connection Spectrum Digital XDS560V2 STM LAN Emulator Spectrum Digital XDS560V2 STM USB Emulator Spectrum Digital XDS560V2 STM USB Emulator	×	
	Choose Your Connection Center Connection Name (11 Available) Spectrum Digital XDS560V2 STM TRAVELER Enulator Spectrum Digital XDS560V2 STM TRAVELER Enulator Spectrum Digital XDSFOV 2NA Emulator	×	
	Choose Your Connection Choose Your Connection Choose Your Connection Spectrum Digital XDS560V2 STM LAN Emulator Spectrum Digital XDS560V2 STM UAN Emulator Spectrum Digital XDS560V2 STM UAN Emulator Spectrum Digital XDSPRO USB Emulator Spectrum Digital XDSPRO USB Emulator	×	
	Choose Your Connection C. Enter Connection Name (11 Available) Spectrum Digital XDS560V2 STM LAN Emulator Spectrum Digital XDS560V2 STM USB Emulator Spectrum Digital XDS560V2 STM USB Emulator Spectrum Digital XDSFRO LAN Emulator Spectrum Digital XDSFRO LAN Emulator Texas Instruments XDS100v2 USB Debug Probe	×	
	Choose Your Connection C Enter Connection Name (11 Available) Spectrum Digital XDS560V2 STM LAN Emulator Spectrum Digital XDS560V2 STM USB Emulator Spectrum Digital XDSF00 LAN Emulator Spectrum Digital XDSP60 USB Emulator Spectrum Digital XDSP60 USB Emulator Texas Instruments XDS100v2 USB Debug Probe Texas Instruments XDS100v2 USB Debug Probe	×	
	Choose Your Connection C. Enter Connection Name (11 Available) Spectrum Digital XDS560V2 STM LAN Emulator Spectrum Digital XDS50V2 STM TRAVELER Emulator Spectrum Digital XDS5P0 USB Emulator Spectrum Digital XDSPR0 LAN Emulator Spectrum Digital XDSPR0 USB Emulator Teras Instruments XDS100v2 USB Debug Probe Teras Instruments XDS100v3 USB Debug Probe Teras Instrument	×	
	Choose Your Connection C Enter Connection Name (11 Available) Spectrum Digital XDS560V2 STM LAN Emulator Spectrum Digital XDS560V2 STM TRAVELER Emulator Spectrum Digital XDS560V2 STM UAB Emulator Spectrum Digital XDSF00 USB Emulator Spectrum Digital XDSPR0 USB Emulator Teras Instruments XDS100/2 USB Debug Probe Texas Instruments XDS100/2 USB Debug Probe Texas Instruments XDS100/20 USB Debug Probe Texas Instrumen	X Software Updates	
	Choose Your Connection C. Enter Connection Name (11 Available) Spectrum Digital XDS560V2 STM LAN Emulator Spectrum Digital XDS560V2 STM TAAVELER Emulator Spectrum Digital XDS560V2 STM USB Emulator Spectrum Digital XDSF00 LNB Emulator Spectrum Digital XDSF00 LNB Emulator Terxas Instruments XDS100v2 USB Debug Probe Terxas Instruments XDS100v3 USB Debug Probe Terxas Instruments XDS120V3 USB Debug Probe Terxas Instr	× Software Updates Updates Availabler Click to dov	wnloa

3. Click "Start" to launch the programming processing

K 🥵 UniFlash			×
UniFlash Session - About	🕐 Hel	p 🌼 Se	ettings
✓ Detected Devices			
Status: Active - Monitoring for changes	Setting	Auto	*
Connection: Texas Instruments XDS100v3 USB Debug Probe Device: (click to manually select)			
✓ New Configuration			
Selected Device:		1	~ ×
🥥 Selected Connection: 🗑 Texas Instruments XDS100v3 USB Debug Probe			× ×
Start Edit			
Select a .cocm! file to create a new session.			
	Software Updates		*
	Updates Available! Click	to downlo	ad

4.choose the bin file(put the .out bin file in a English path before this step), click the "browser" button to select the right .out file in the computer

UniFiash Sessio	n • About				neip 🐺 Se
Configured Device : Texas I	Instruments XDS100v3 USB Debug Probe > TMS320F28034 [download.com]				= 0
Program	Select and Load Images				
Settings & Utilities	Flash Image(s)			- 1	
Memory					📑 Browse
Standalone Command Li	ne 🚺 打开			×	
	$\leftarrow \rightarrow \forall \boxed{ \ } \text{HV} \ \Rightarrow \ 02 \ \text{Flash Code} \ \Rightarrow \ 612\text{-QZ0112-00} \\$	~ U	, 戶 在612-QZ011	2-00 中搜索	
	组织▼ 新建文件夹		18 ·	• • •	
	■ 桌面 メ ^ 名称 ^	修改日期	类型	大小	
	下载 ★ 612-QZ0112-00-221119.out ☆ 型 → 2 01_PCS ★ 2 01 Source Coc 04 其他 RelarseOración	2022/11/23 15:58	OUT 文件	891	
] Console	 ReleaseOasisAc OneDrive 此电路 				r Clear X
	v x		3	^	
	文件名(<u>N</u>): 612-QZ0112-00-221119.out		Custom Files 打开(Q)		

5.click the "load image" button to start the download procedure, when the download procedures are successful, it will show the download result as below.

orin lash		-		×
UniFlash Session +	About	🙆 Help	•	Settin
Configured Device : Texas Instrume	nts XDS100v3 USB Debug Probe > TMS320F28034 [download.cczml]	= C28xx Disco	nnecte	t Halte
Program	Select and Load Images			
Settings & Utilities	Flash Image(s)			
Memory	612-QZ0112-00-221119.out	Size: 890.04 KB Binary: 🔲		×
Standalone Command Line	•			
	Available Action(s) - 1 Image Selected Load Image Verily Image			
	Reset Actions			
	[Click here to query available reset options]			
	Run Actions			
	Run Target After Program Load/Flash Operation			
	▼ Quick Settings			
	▼ Quick Settings			