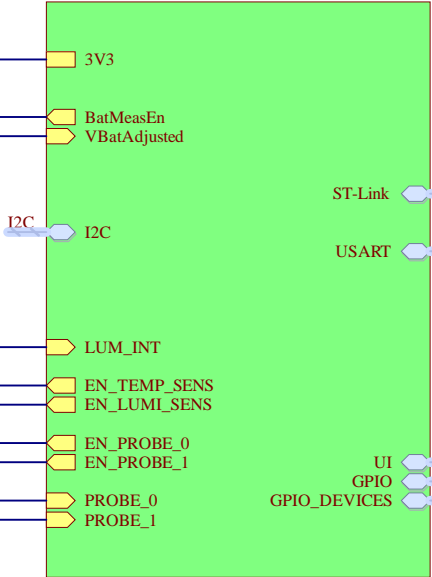


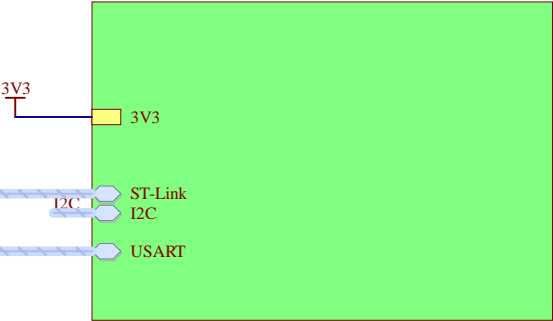
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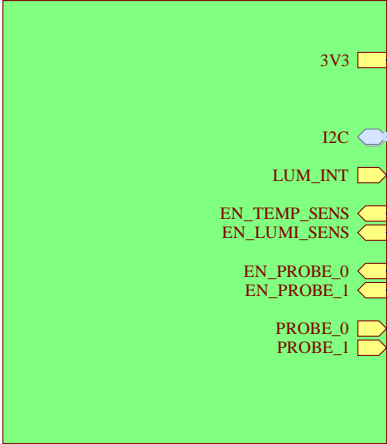
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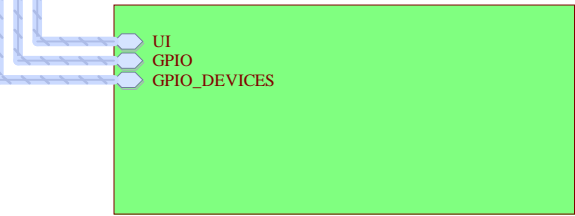
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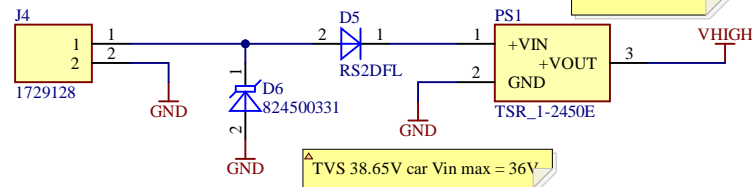
Designator
Analog_Sensors.SchDoc



Designator
Digital_GPIO.SchDoc

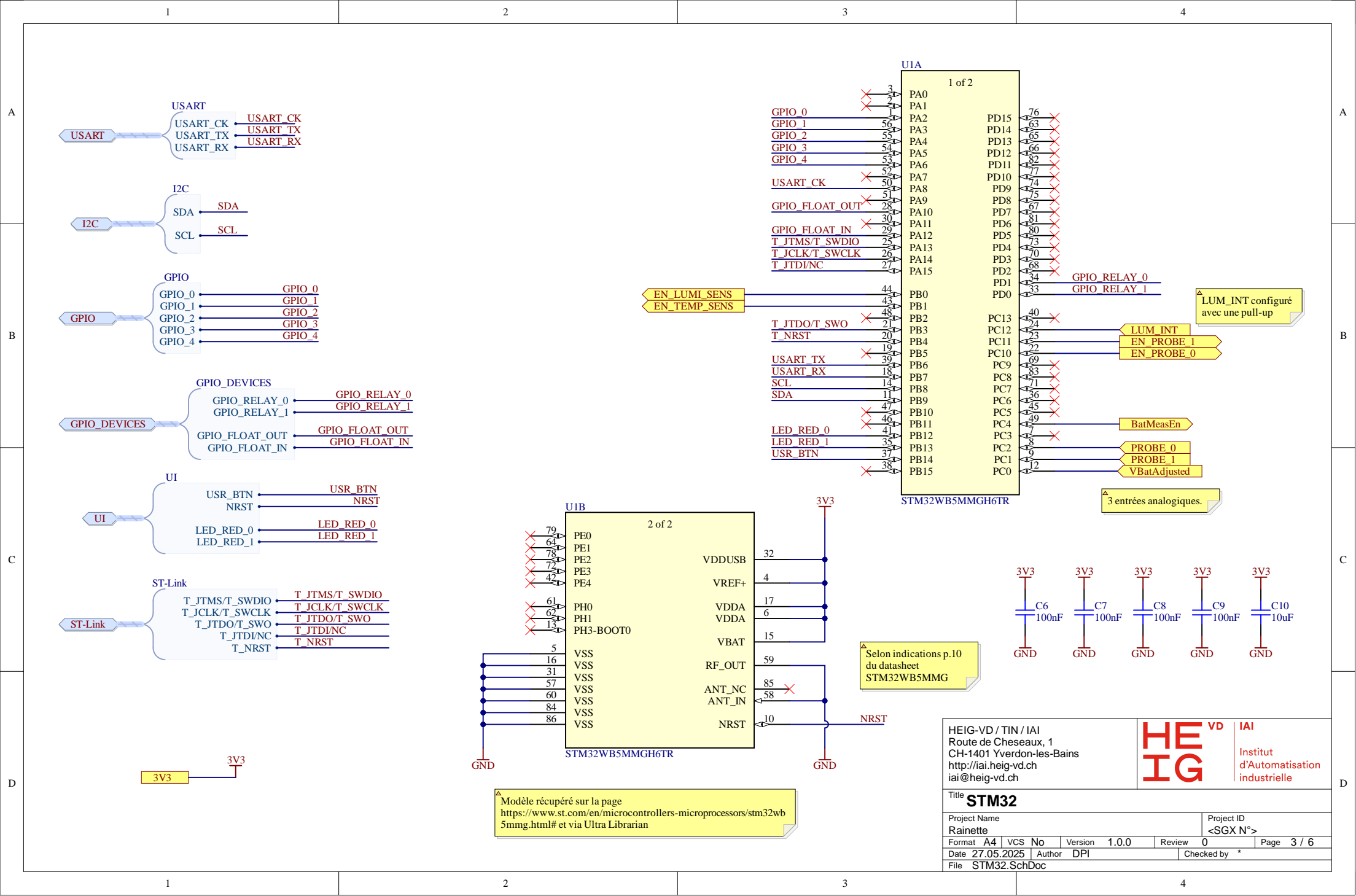


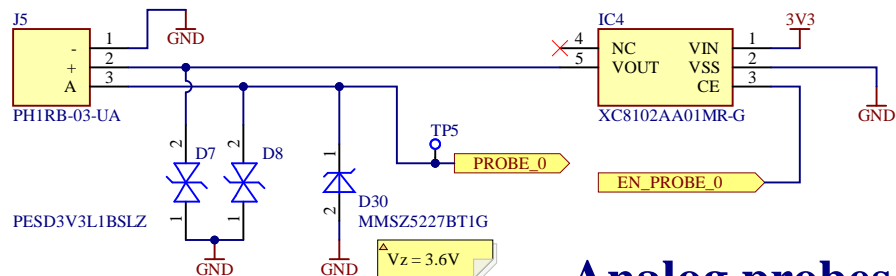
High DC Voltage



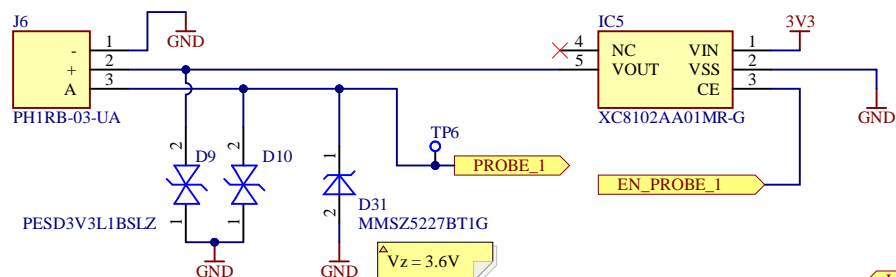
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Project Name Rainette					Project ID <SGX N°>				
Format	A4	VCS	No	Version	1.0.0	Review	0	Page	2 / 6
Date	27.05.2025		Author	DPI		Checked by *			
File	Power Supply.SchDoc								

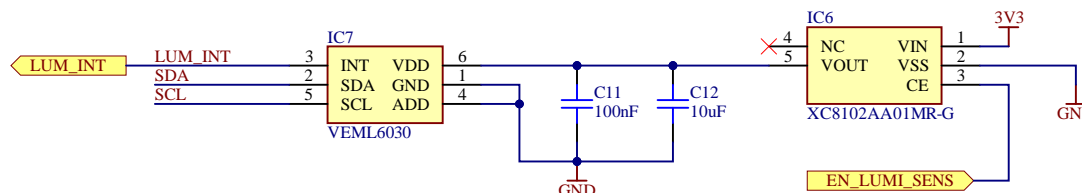




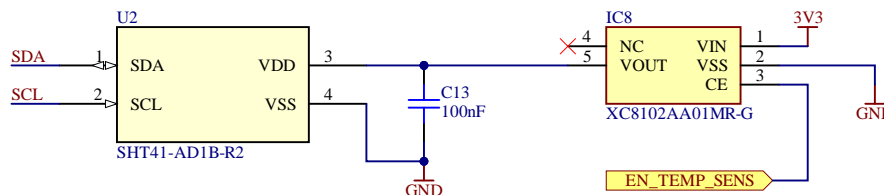
Analog probes



Luminosity sensor



Temperature sensor



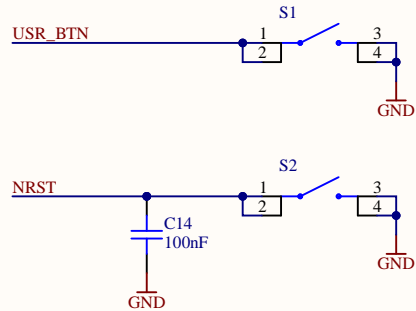
Récupéré sur Ultra Librarian.
Footprint modifié selon le datasheet, il
fallait retirer le pad 5.

HEIG-VD / TIN / IAI
Route de Cheseaux, 1
CH-1401 Yverdon-les-Bains
<http://iai.heig-vd.ch>
iai@heig-vd.ch

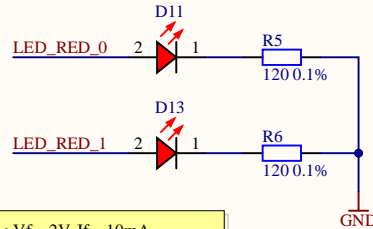
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Format		A4		VCS		No		Version		1.0.0		Review		0		Page		4 / 6	
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File		Analog_Sensors.SchDoc																	

Buttons

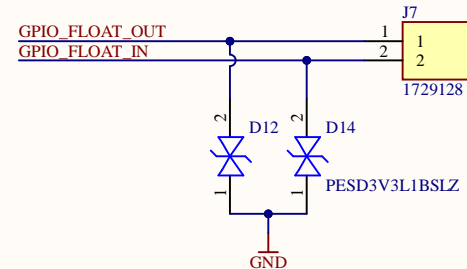


Leds

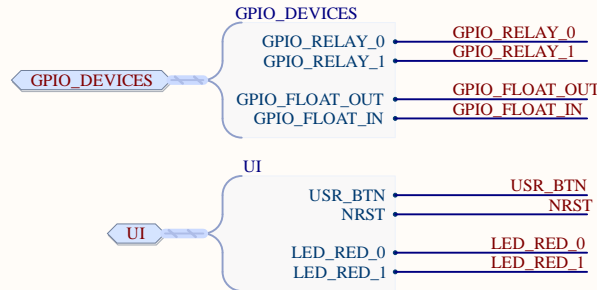
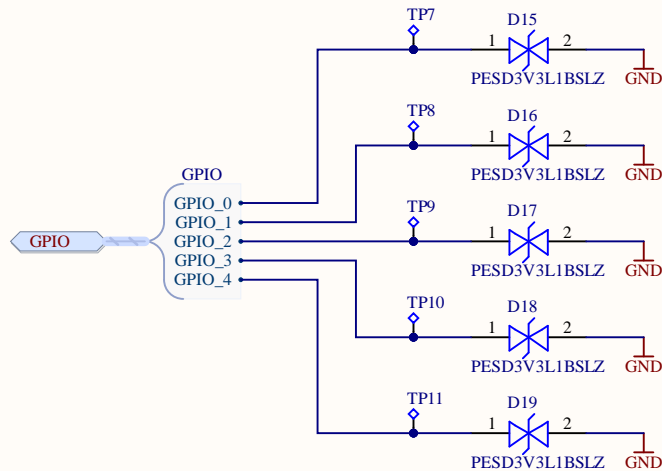


RED : Vf = 2V, If = 10mA.
Rr = (3.3-Vf)/If = 130 -> 120 Ohm

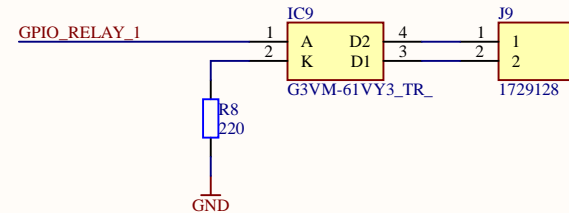
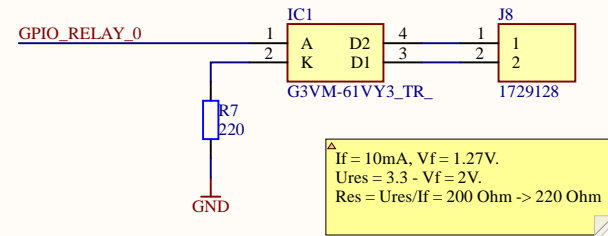
Float



GPIO

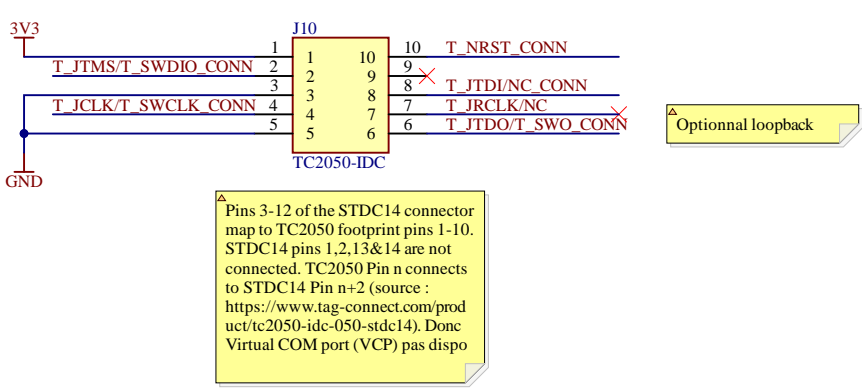


MOSFET Relays

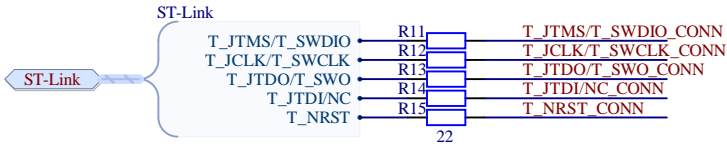
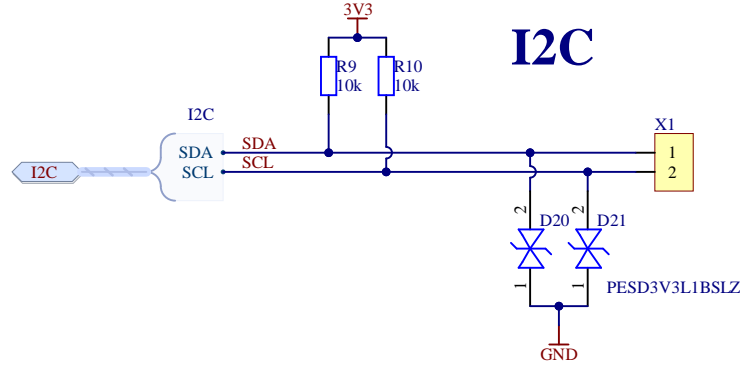


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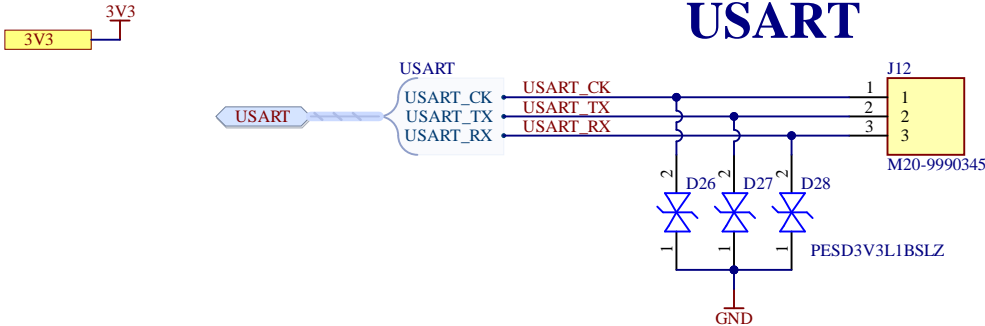
ST-Link



△ Pins 3-12 of the STDC14 connector map to TC2050 footprint pins 1-10. STDC14 pins 1,2,13&14 are not connected. TC2050 Pin n connects to STDC14 Pin n+2 (source : <https://www.tag-connect.com/product/tc2050-idc-050-stdc14>). Donc Virtual COM port (VCP) pas dispo



USART



HEIG-VD / TIN / IAI
Route de Cheseaux, 1
CH-1401 Yverdon-les-Bains
<http://iai.heig-vd.ch>
iai@heig-vd.ch

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Project Name Rainette							Project ID <SGX N°>		
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