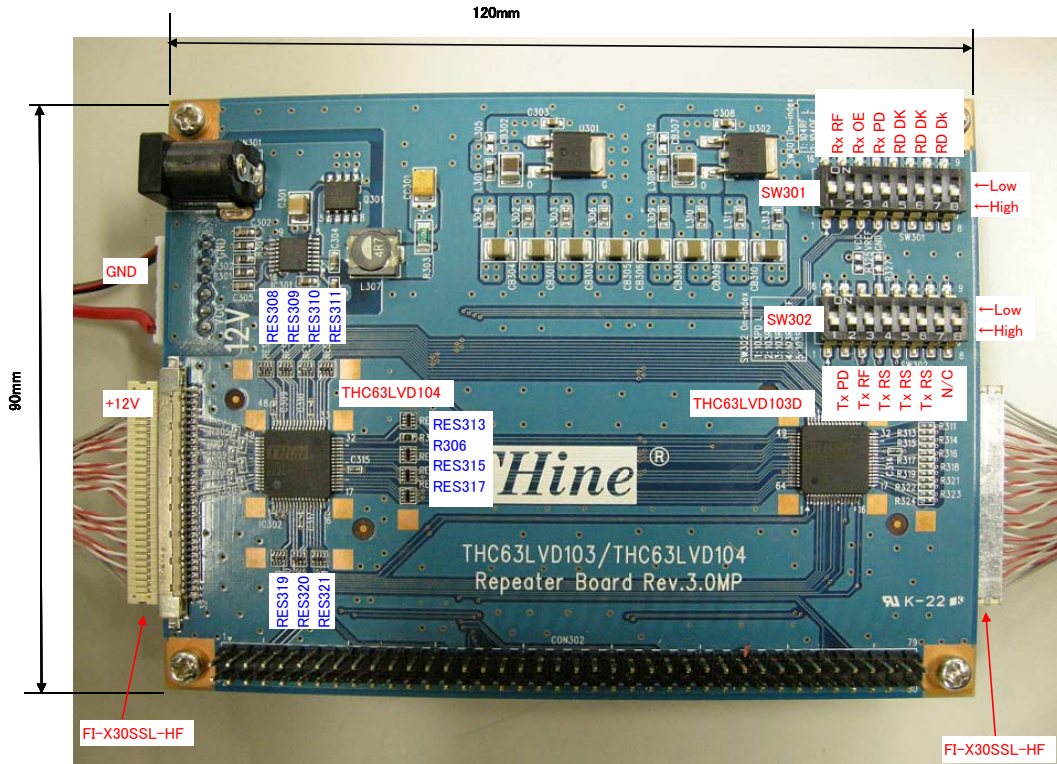
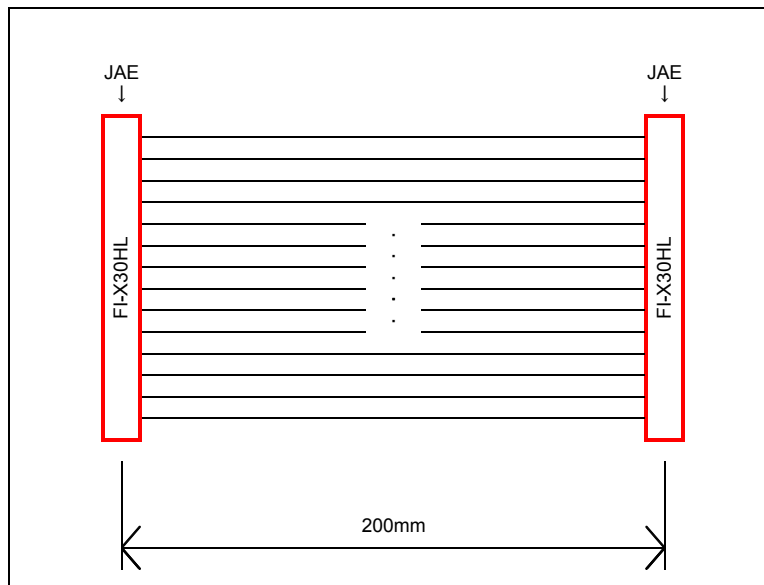


Description



LVDS-Cable Type.



SW301 Setting

* Def. : Default Setting

THC63LVD104S																										
SW Pin#	* Def.	NodeName	IC Pin#	PinName	Description																					
1	H	Rx RF	5	R/F	Output Clock Triggering Edge Select. H : Rising Edge L : Falling Edge																					
2	H	Rx OE	4	OE	Output Enable. H : Output enable. L : Output disable.																					
3	H	Rx PD	3	PD	Power down and Output Control. H : Normal operation L : Power down																					
4	H	Rx DK	2	DK	Output Clock Delay Timing Select. tRCP=Output Clock Cycle																					
5	H				<table border="1"> <thead> <tr> <th colspan="3">SW-Pin#</th> <th rowspan="2">Offset[nsec]</th> </tr> <tr> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>L</td> <td>H(open)</td> <td>H(open)</td> <td>$3 \frac{tRCP}{14}$</td> </tr> <tr> <td>H(open)</td> <td>L</td> <td>H(open)</td> <td>$-3 \frac{tRCP}{14}$</td> </tr> <tr> <td>H(open)</td> <td>H(open)</td> <td>L</td> <td>0</td> </tr> </tbody> </table>			SW-Pin#			Offset[nsec]	4	5	6	L	H(open)	H(open)	$3 \frac{tRCP}{14}$	H(open)	L	H(open)	$-3 \frac{tRCP}{14}$	H(open)	H(open)	L	0
SW-Pin#					Offset[nsec]																					
4	5	6																								
L	H(open)	H(open)	$3 \frac{tRCP}{14}$																							
H(open)	L	H(open)	$-3 \frac{tRCP}{14}$																							
H(open)	H(open)	L	0																							
6	L																									
7	H	N/C	-	-	Non Connected																					
8	H																									

SW302 Setting

* Def. : Default Setting

THC63LVD103D																																			
SW Pin#	* Def.	Node Name	IC Pin#	PinName	Description																														
1	H	Tx PD	13	/PDWN	H : Normal operation, L : Power down (all outputs are Hi-Z)																														
2	H	Tx RF	60	R/F	Input Clock Triggering Edge Select. H : Rising edge, L : Falling edge																														
3	H	Tx RS	43	RS	LVDS swing mode, VREF select.																														
4	H				<table border="1"> <thead> <tr> <th colspan="3">SW-Pin#</th> <th rowspan="2">RS</th> <th rowspan="2">LVDS Swing</th> <th rowspan="2">Small Swing Input Support</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>L</td> <td>H(open)</td> <td>H(open)</td> <td>VCC</td> <td>350mV</td> <td>N/A</td> </tr> <tr> <td>H(open)</td> <td>L</td> <td>H(open)</td> <td>0.6 ~ 1.4V</td> <td>350mV</td> <td>RS=VREF^a</td> </tr> <tr> <td>H(open)</td> <td>H(open)</td> <td>L</td> <td>GND</td> <td>200mV</td> <td>N/A</td> </tr> </tbody> </table>				SW-Pin#			RS	LVDS Swing	Small Swing Input Support	3	4	5	L	H(open)	H(open)	VCC	350mV	N/A	H(open)	L	H(open)	0.6 ~ 1.4V	350mV	RS=VREF ^a	H(open)	H(open)	L	GND	200mV	N/A
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H(open)	H(open)	L	GND	200mV	N/A																														
5	L	a.) VREF is Input Reference Voltage.																																	
6	H	N/C	-	-	Non Connected																														
7	H																																		
8	H																																		

Measures Type

#	Type	Un-Mount	0Ω-Mount	33Ω-Mount
1		RES301 RES302 RES303 RES304 RES305 RES306 RES307 RES312 RES314 RES316 R308	/	RES308 RES309 RES310 RES311 RES313 RES315 RES317 RES318 RES319 RES320 RES321 R306
2		/	RES301 RES302 RES303 RES304 RES305 RES306 RES307 RES312 RES314 RES316 R308	RES308 RES309 RES310 RES311 RES313 RES315 RES317 RES318 RES319 RES320 RES321 R306
3		THC63LVD103D	RES301 RES302 RES303 RES304 RES305 RES306 RES307 RES312 RES314 RES316 R308	RES308 RES309 RES310 RES311 RES313 RES315 RES317 RES318 RES319 RES320 RES321 R306
4		RES308 RES309 RES310 RES311 RES313 RES315 RES317 RES318 RES319 RES320 RES321 R306	RES301 RES302 RES303 RES304 RES305 RES306 RES307 RES312 RES314 RES316 R308	/

Notices and Requests

1. The product specifications described in this material are subject to change without prior notice.
2. The circuit diagrams described in this material are examples of the application which may not always apply to the customer's design. We are not responsible for possible errors and omissions in this material. Please note if errors or omissions should be found in this material, we may not be able to correct them.
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5. This product is presumed to be used for general electric equipment, not for the applications which require very high reliability (including medical equipment directly concerning people's life, aerospace equipment, or nuclear control equipment). Also, when using this product for the equipment concerned with the control and safety of the transportation means, the traffic signal equipment, or various Types of safety equipment, please do it after applying appropriate measures to the product.
6. Despite our utmost efforts to improve the quality and reliability of the product, faults will occur with a certain small probability, which is inevitable to a semi-conductor product. Therefore, you are encouraged to have sufficient redundant or error preventive design applied to the use of the product so as not to have our product cause any social or public damage.
7. Please note that this product is not designed to be radiation-proof.
8. Customers are asked, if required, to judge by themselves if this product falls under the category of strategic goods under the Foreign Exchange and Foreign Trade Control Law.

THine Electronics, Inc.

sales@thine.co.jp