Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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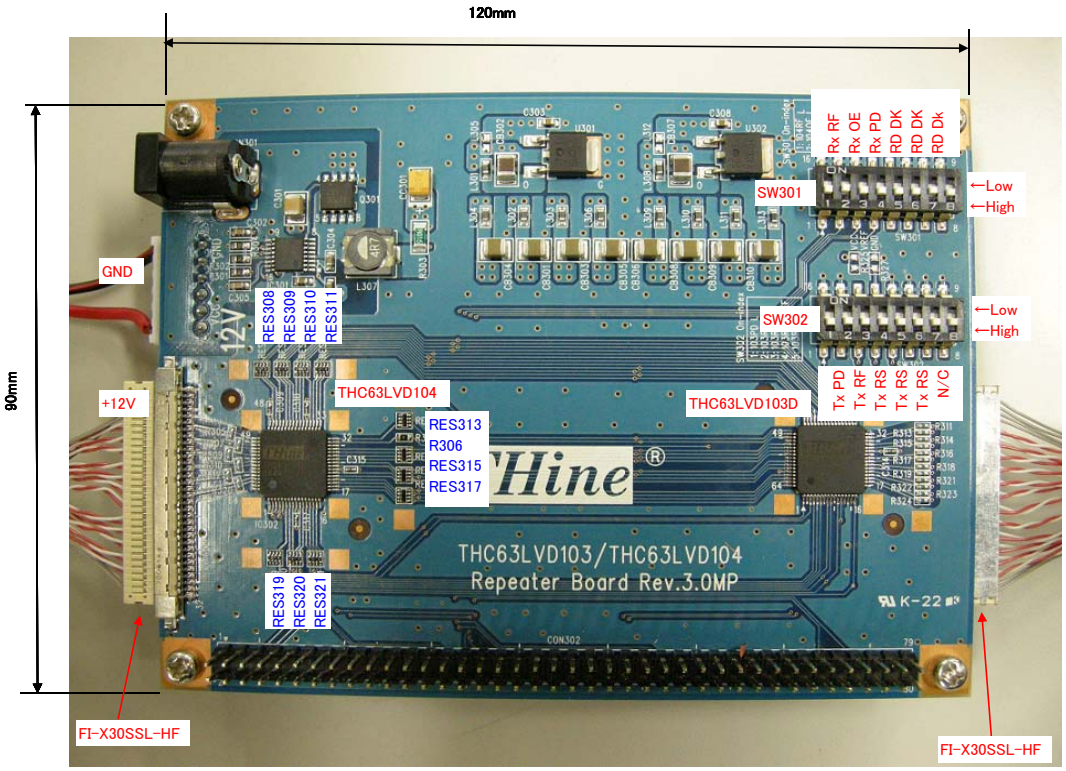
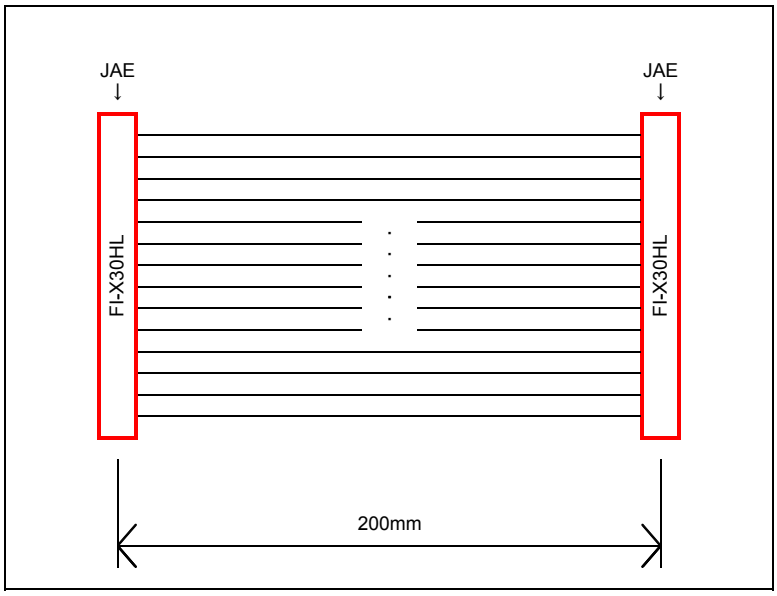
Description



LVDS-Cable Type.



SW301 Setting

* Def. : Default Setting

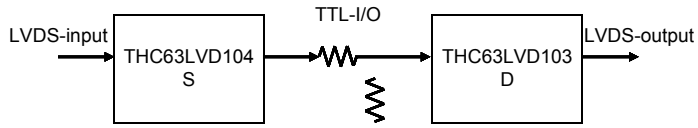
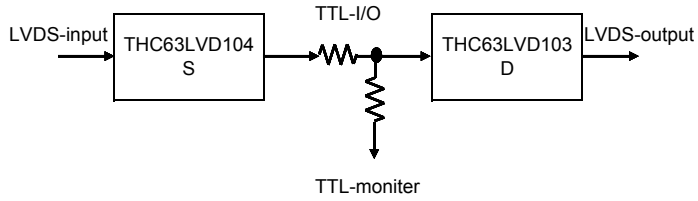
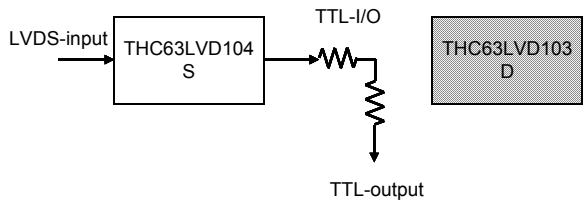
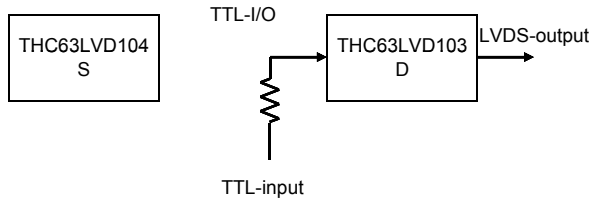
SW Pin#	* Def.	NodeName	THC63LVD104S		
			IC Pin#	PinName	Description
1	H	Rx RF	5	R/F	Output Clock Triggering Edge Select. H : Rising Edge L : Falling Edge
2	H	Rx OE	4	OE	Output Enable. H : Output enable. L : Output disable.
3	H	Rx PD	3	PD	Power down and Output Control. H : Normal operation L : Power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

SW302 Setting

* Def. : Default Setting

SW Pin#	* Def.	Node Name	THC63LVD103D		
			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 4 5	H H L	Tx RS	43	RS	LVDS swing mode, VREF select. SW-Pin# 3 / 4 / 5 → RS / LVDS Swing / Small Swing Input Support: 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 a.) VREF is Input Reference Voltage.
6 7 8	H H H	N/C	_	_	Non Connected

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
3. This material contains our copy right, know-how or other proprietary. Copying or disclosing to third parties the contents of this material without our prior permission is prohibited.
4. Note that if infringement of any third party's industrial ownership should occur by using this product, we will be exempted from the responsibility unless it directly relates to the production process or functions of the product.
5. This product is presumed to be used for general electric equipment, not for the applications which require very hi reliability (including medical equipment directly concerning people's life, aerospace equipment, or nuclear contro 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 applyi 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 suffici redundant or error preventive design applied to the use of the product so as not to have our product cause any soc 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 good under the Foreign Exchange and Foreign Trade Control Law.

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