

5P49V5914B507NLGI8 Datasheet



DiGi Electronics Part Number Manufacturer Manufacturer Product Number Description Detailed Description 5P49V5914B507NLGI8-DG Renesas Electronics Corporation 5P49V5914B507NLGI8 IC CLOCK GENERATOR 24VFQFPN IC 24-VFQFN Exposed Pad

https://www.DiGi-Electronics.com



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.



Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
5P49V5914B507NLGI8	Renesas Electronics Corporation
Series:	Product Status:
-	Discontinued at Digi-Key
DiGi-Electronics Programmable:	Mounting Type:
Not Verified	Surface Mount
Package / Case:	Supplier Device Package:
24-VFQFN Exposed Pad	24-QFN (4x4)

Environmental & Export classification

RoHS Status:	Moisture Sensitivity Level (MSL):
ROHS3 Compliant	1 (Unlimited)
REACH Status:	ECCN:
REACH Unaffected	EAR99
HTSUS:	
8542.39.0001	

RENESAS

Timing Commander Installation

This document provides instructions on how to install the Timing Commander software.

Contents

1.	Required Files	1
2.	Installation Instructions	2
3.	Revision History	5

1. Required Files

The Timing Commander installation requires the following two files:

- TimingCommanderSetup.exe
- PersonalityFile>.tcp

The .exe file will install the Timing Commander software. The ".tcp" file is the "Personality" file that contains the GUI for a specific device. For example, the file may be named "IDT8T79S818I-08_v0.6.tcp".

If internet access is not available, the following two items must be downloaded to a USB drive or burned to a CD and then installed onto the desired computer before completing the instructions in section 2. If internet access is available, these will automatically be installed.

- <u>Microsoft .NET Framework 4</u> (Standalone Installer)
- SQL Compact 4



2. Installation Instructions

- 1. Unzip the Timing Commander installation file.
- 2. Execute "TimingCommanderSetup.exe".
- 3. Accept the "Terms and Conditions" and press "Install".

This will install Timing Commander, necessary hardware drivers, help files, and a "Timing Commander" shortcut in the Window Programs.

🚺 Timing Commander Setup
Timing Commander
LICENSE TERMS AND CONDITIONS IDT TIMING COMMANDER ("TC") SOFTWARE READ THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT CAREFULLY BEFORE OPENING THE PACKAGE CONTAINING THE SOFTWARE AND THE
✓ I agree to the license terms and conditions Options Install Close

4. After the installation, the "Setup Successful" message will be displayed.



5. Go to Windows>Programs>IDT and click on "Timing Commander".

6. On the first run, there will be two options, "New Settings File" and "Open Settings File". Select "New Settings File".

🕼 IDT Timing Commander	
	1
IDT Timing Cor IDT Timing Commander	Timing Tree
New Settings File Open Settings File IDI Timing Web_Site User Guide	

- 7. The next screen will prompt for the "Personality" file.
- 8. Click on the small folder to browse for the ".tcp" file.

🕼 IDT Timing Commander	
IDT Timing New Settings File	na Tree
Browse for a personality for the new settings file	
e -	
7	

9. Locate and select the ".tcp" file then press "Open".

- 10. The personality will now be listed under the "Product #" column. As more personalities are added, they will be visible in this location.
- 11. Select the personality to load (only one available on first run).
- 12. Press "OK" to load the GUI.

🕼 IDT Timing Commander	28
	i
	4
IDT Timing New Settings File	
Product# Description 87795818I-08	
1-to-8 Differential to Unive 4 Bank, 8 Output Divider 1-to-8 Differential to Universal Output	
4 Bank 8 Output Divider	
Personality S: Applications Engineering/Software - GUII/DT Timing Commander/87793818I-081/DT8779 🍞 📸	

- 13. Connect the evaluation board to the PC with a USB cable.
- 14. The final step necessary in order to communicate with the evaluation board is to click the "Connect Chip" button at the top-right area of the GUI.

DT Timing Commander	atial to Universal Ou	laud 📖		
	Diagram	Bit Sets		
	Barik_A DivA	QA0 Enable 📻 Enable QA1 Enable 📑 Enable	BankA_Type	QA Output Frequency 50

15. For additional help, click on "User Guide" on the start-up screen of Timing Commander.

3. Revision History

Revision	Date	Description
1.00	Mar 10, 2023	Initial release.

IMPORTANT NOTICE AND DISCLAIMER

RENESAS ELECTRONICS CORPORATION AND ITS SUBSIDIARIES ("RENESAS") PROVIDES TECHNICAL SPECIFICATIONS AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT OF THIRD-PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for developers who are designing with Renesas products. You are solely responsible for (1) selecting the appropriate products for your application, (2) designing, validating, and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. Renesas grants you permission to use these resources only to develop an application that uses Renesas products. Other reproduction or use of these resources is strictly prohibited. No license is granted to any other Renesas intellectual property or to any third-party intellectual property. Renesas disclaims responsibility for, and you will fully indemnify Renesas and its representatives against, any claims, damages, costs, losses, or liabilities arising from your use of these resources. Renesas' products are provided only subject to Renesas' Terms and Conditions of Sale or other applicable terms agreed to in writing. No use of any Renesas resources expands or otherwise alters any applicable warranties or warranty disclaimers for these products.

(Disclaimer Rev.1.01)

Corporate Headquarters

TOYOSU FORESIA, 3-2-24 Toyosu, Koto-ku, Tokyo 135-0061, Japan www.renesas.com

Trademarks

Renesas and the Renesas logo are trademarks of Renesas Electronics Corporation. All trademarks and registered trademarks are the property of their respective owners.

Contact Information

For further information on a product, technology, the most up-to-date version of a document, or your nearest sales office, please visit <u>www.renesas.com/contact-us/</u>.



OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we striciy control the quality of products and services. Welcome your RFQ to Email: Info@DiGi-Electronics.com

DCI			NR (2000)
QUALITY MANAGEMENT SYSTEM	ENVIRONMENTAL MANAGEMENT SYSTEM	OCCUPATIONAL HEALTH & SAFETY	公月生産増用者 СЕКПИСАТЕ ОР ИСОВРОПАТIОМ
DIGI ELECTRONICS HK LIMITED	DIGI ELECTRONICS HK LIMITED	DIGI ELECTRONICS HK LIMITED	8. < 5. 0. * Encoding control from
PLATMENTS SHE IN HER COMPARED IN THE CHIEF AND STREET, MONGHO	FLATERING 387, HO HANG CONCERNMENT AND SEC.	FLATENUS 187, HO HING CONDITIONS AND THE S MAY A VEN STREET, MONGHO	Ditit ILACTIONICS.IRC LAMTRO 目標電子性兼件因应可
GB/T 19001-2016 idt ISO9001:2015	R.AMBRID 128-10 X00 COMMINSION COMMINSI COMMINSION COMMINSI COMMINSION COMMIN	14.44805 324.10 000 COMMERCE 1410 VIII STRAT. BORNO B. State	0 4 5 8 8 6 6 8 6 8 122 8 C 0 6 0 5 2 1 106 day temperated to there there are a comparise dedication 4 5 6 6 6 5 4 6 6 7 6 7 6 7 6 7 6 7 7 7 7 7 7 7 7 7
Not the	For the Indian of claminants comparents	for the Jacket of the transfer companyors	to the set of the Law is roughly, and the law company is $\frac{\pi}{2}$ is the $\frac{\pi}{2}$
Renting Notes: New State of St	Notestantine Not Statestant July Statestant	belles hand men fills hander hand van Gales Hand Hand Hand Hand Hand Hand Hand Hand	+ π 4 8 № ±0 - л. + - л. ± + ±. + 8 ± намбия. Шамау 200.
			Relation will be in relation of the relation o
In the second se	Control Contro	Ending track the start of a first of a	iii) Films (ii) = 0.4 ± 6.4 ± 0.4 \pm 0.4





Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.