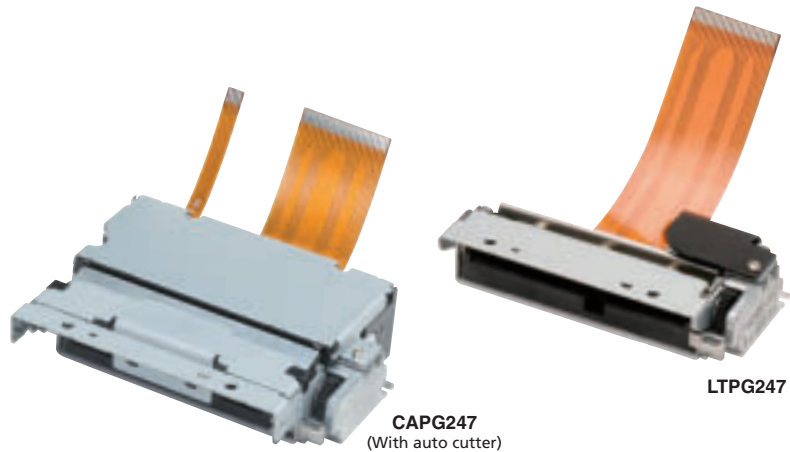


AVNET EMBEDDED SPECIFICATION.

Datasheet
Seiko Instruments
LTPG_CAPG

Thermal Printer Mechanism

CAPG247 LTPG247



Max printing speed: 150mm/sec

Small and compact

Easy paper operation

Windows® drivers (Windows® 2000/XP) *In use with IFG001-01SK/010K

Model		CAPG247	LTPG247
Printing	Method	Thermal line dot printing	
	Number of dots/line	432	
	Resolution(dots/mm)	8	
	Paper width(mm)	58 ^{*1}	
	Printing width(mm)	54	
	Speed(mm/sec)max	150	
	Paper path	Curved	
Detection	Head temperature	By thermistor	
	Platen position detection	By mechanical switch	
	Out of paper detection	By photo interrupter	
	Cutter home position	By mechanical switch	—
Power supply(V)	Operation Voltage(Vdd)	3.14 to 3.46 / 4.75 to 5.25	
	Operation Voltage(Vp)	21.6 to 26.4	
Peak current(A)	Head	5.2 (26.4V / 288 dots)	
	Motor	0.4 / 0.37 *1	
Auto Cutter	Cutter	0.5	—
	Method	Slide type	—
	Paper thickness(μm)	54 to 80 *2	—
	Cutting type	Full cut / Partial cut (Leave center point)	—
	Operating time(sec/cycle)max	0.5	—
	Cutting pitch(mm)min	10	—
	Cut frequency(cut/min)max	30	—
Service life	Pulse activation(pulse)	100 million	
	Abrasion resistance(km)	100 *2	
	Life(cut)	1,000,000	—
Operating temperature(°C)		0 to 50	
Dimensions(W x D x H mm)		80.5 x 65.0 x 22.2 *3	79.5 x 43.0 x 17.4 *3
Mass(g)		Approx.180	Approx.80

*1 2-2 phase and W1-2 excitation method *2 Use recommended thermal papers *3 Excluding protrusion
Windows® is the registered trademark of Microsoft Corporation (USA).

Interface

Model	IFG001-01SK	IFG001-01UK	
CPU	PTG00P01		
Thermal printer	CAPG247, LTPG247		
Operating Voltage(V)	Vp:21.6 to 26.4		
Character matrix(H x W dots)	16 dots characters : 16 x 8, 16 x 16 24 dots characters : 24 x 12, 24 x 24		
Character type	Optional font	Yes	Yes
	Downloaded character	Yes	Yes
	User-defined character	Yes	Yes
	Extend graphics character set	Yes	Yes
	Katakana character set	Yes	Yes
JIS 1&2 level kanji	Yes	Yes	
Communication interface	Serial(RS-232C)	USB	
Dimensions(W x D x H mm)	75.0 x 75.0 x 16.0		



IFG001-01UK

CPU

Model	PTG00P01
Thermal printer	CAPG247, LTPG247
Package form	128pin QFP
Operating voltage(V)	Vp:21.6 to 26.4, Vcc:3.0 to 3.6
Operating frequency(MHz)	18.43 +/-0.5%
Configuration	C-MOS LSI
Communication interface	Parallel, Serial, USB
Character type	Extended graphics character set, Other characters is available with CGs*1
Character matrix (H x W dots)	16 dots characters : 16 x 8, 16 x 16 24 dots characters : 24 x 12, 24 x 24
Dimensions(W x D x H mm)	22.0 x 16.0 x 3.15

*1 CG ROM: Japanese

AVNET EMBEDDED OFFICES.

DENMARK

Avnet Embedded
Avnet Nortec A/S
Ellekær 9
2730 Herlev
Phone: +45 3678 6250
Fax: +45 3678 6255
denmark@avnet-embedded.eu

FINLAND

Avnet Embedded
Avnet Nortec Oy
Tiilenpolttajankuja 3 A B
1720 Vantaa
Phone: +358 207 499260
Fax: +358 942 597446
finland@avnet-embedded.eu

FRANCE

Avnet Embedded
Avnet EMG France SA
Immeuble 154, Parc Chene 2
5, allée du General Benoist
69000 Bron
Phone: +33 4 72 81 02 30
Fax: +33 4 72 81 02 34
axess-bron@avnet-embedded.eu

Avnet Embedded
Avnet EMG France SA
4, rue de la Couture
Bâtiment Milan, BP 20209
94518 Rungis Cedex
Phone: +33 1 49 78 88 88
Fax: +33 1 49 78 88 89
axess-rungis@avnet-embedded.eu

Avnet Embedded
Avnet EMG France SA
ZA la Hallerais le Semiramis
2, allée du Communal
35770 Vern sur Seiche
Phone: +33 2 99 77 37 02
Fax: +33 2 99 77 33 38
axess-rennes@avnet-embedded.eu

GERMANY (AUSTRIA, CZECH REPUBLIC, HUNGARY, POLAND, SWITZERLAND)

Avnet Embedded
Avnet EMG GmbH
Gruber Straße 60c
85586 Poing
Phone: +49 8121 775 500
Fax: +49 8121 775 550
poing@avnet-embedded.eu

Avnet Embedded
Avnet EMG GmbH
Lötscher Weg 66
41334 Nettetal
Phone: +49 8121 775 500
Fax: +49 8121 775 550
nettetal@avnet-embedded.eu

ITALY (PORTUGAL, SPAIN)

Avnet Embedded
Avnet EMG Italy SRL
Via Manzoni, 44
20095 Cusano Milanino
Phone: +39 02 66092 1
Fax: +39 02 66092 498
milano@avnet-embedded.eu

NETHERLANDS (BELGIUM, LUXEMBOURG)

Avnet Embedded
Avnet B.V.
Takkebijsters 2
4802 BL Breda
Phone: +31 76 5722400
Fax: +31 76 5722404
benelux@avnet-embedded.eu

SWEDEN (NORWAY)

Avnet Embedded
Avnet Nortec AB
Esplanaden 3 D
172 67 Sundbyberg
Phone: +46 8 564 725 50
Fax: +46 8 760 01 10
sweden@avnet-embedded.eu

UNITED KINGDOM (IRELAND)

Avnet Embedded
Avnet EMG Ltd.
Pilgrims Court, 15/17 West Street
Reigate, Surrey, RH2 9BL
Phone: +44 1737 227800
Fax: +44 1737 243872
uk@avnet-embedded.eu

All trademarks and logos are the property of their respective owners. This document provides a brief overview only and is not intended to be complete or binding offer. Product information, including information related to a product's specifications, uses or conformance with legal or other requirements, is obtained by Avnet from its suppliers or other sources deemed reliable and is provided by Avnet on an „As Is“ basis. Avnet makes no representation as to the accuracy or completeness of the product information and Avnet disclaims all representations, warranties and liabilities under any theory with respect to the product information, including any implied warranties of merchantability, fitness for a particular purpose, title and/or non-refrangement. All product information is subject to change without notice.

LOCAL AVNET EMBEDDED BUSINESSES:

axess
technology

An Avnet Embedded Business

tdc

An Avnet Embedded Business

trident

An Avnet Embedded Business