

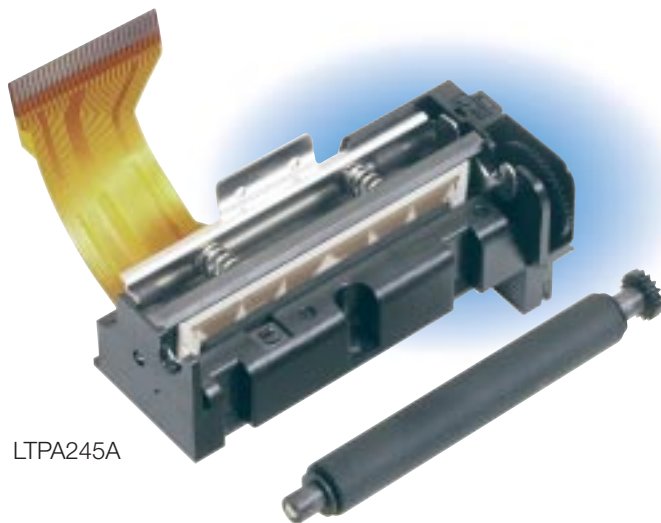
AVNET EMBEDDED SPECIFICATION.

Datasheet
Seiko Instruments
LTPA245A

LTP Series

LTPA245A PRINTER

LTPA245A is a new thermal line dot printer which has been developed by Seiko Instruments especially to match the specific requirements of ECR and EFT-POS applications. As it can alternatively be driven by battery, it perfectly suits the needs of a large variety of handheld terminals, too. Distinguished in terms of compact and lightweight design – such as the instalment of the release lever on top and the motor underneath the frame – and a printing speed of max. 90mm/sec @ 8.5V, LTPA245A is a valuable addition to the portfolio of "Easy-Paper-Operation" – mechanisms. Finally, only one connector is needed to drive both motor and head of the printer and thus incorporates cost-saving and advantageous design-in aspects.



LTPA245A

- High resolution printing (8 dots/mm)
- High speed, low voltage printing (54.3mm/s @ 5V, 77mm/s @ 7.2V, 90 mm/s @ 8.5V)
- Compact and lightweight (41g):
Lever on top, motor underneath
- Battery operation of 4 to 6 cells Ni-MH / Ni-Cd batteries or 2 cells of lithium-ion batteries for hand-held applications
- Low 4.5V to 8.5V power supply operation
- Improved operability of paper installation and head cleaning by release lever operation
- Low noise thermal line dot printing
- Design to fit easily into the outer case (reduced number of outer case parts)

Model	LTPA245A-384	
Printing	Method	Thermal line dot printing
	Number of dots/line	384 dots
	Resolution (mm)	8 dots
	Paper feed pitch (mm)	0.0625
	Width (mm)	48
	Speed (mm/s)	53.4 @ 5.0V, 77 @ 7.2V, 90 @ 8.5V
Detection	Head temperature	By thermistor
	Out-of-Paper detection	By photo interrupter
Dimensions (WXDXH) mm ¹	69.2 x 28.3 x 31.7	
Weight (g) ²	41	
Power Supply	Operating voltage	Vdd line: 2.7V to 5.25V; Vp line: 4.5V to 8.5V
	Current consumption ³	1,53A max.@5V, 2.2A max.@7.2V, 2.6A max.@8.5V
Service Life	Pulse activation	100 million pulses or more (12,5% print ratio)
	Abrasion resistance	50 km or more
Operating temperature (°C)	0 to +50	
Storage temperature (°C)	-25 to +70	
Paper	Width (mm)	58 0-1
	Paper feed force	0.49 N (50gf) or more
	Paper hold force	0.78 N (80gf) or more

¹ Excluding lever of lock arm and platen block

² Including all parts

³ When the number of simultaneously activated dots in the head is specified as 64

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