

A

## Active heatsinks for processors

B

C

D

E

F

G

H

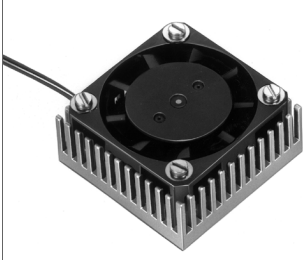
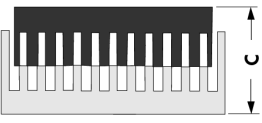
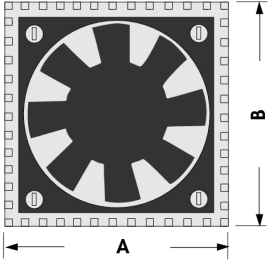
I

K

L

M

N

					
art. no.	$R_{th}$ [K/W]	suitable for processor type	dim. [mm]		
			A	B	C
<b>LA ICK 15 x 15 ...</b>	2.3	universal	37.92	38.10	20
<b>LA ICK 17 x 17 ...</b>	1.6	universal	43.10	43.10	20
<b>LA ICK 18 x 18 ...</b>	1.5	universal	45.70	45.70	20
<b>LA ICK 21 x 21 ...</b>	1.4	universal	53.34	53.34	20
<b>please indicate:</b>					
<b>... mounting method</b> <b>F =thermally conductive foil</b> <b>W=thermally conductive adhesive</b>		<b>... operating voltage of the fan motor</b> <b>5 =5 V</b> <b>12=12 V</b>		<b>... mountings (optional)</b> <b>SF =power supply plug</b> <b>SM=molex connection plug</b> <b>A =alarm exit</b>	

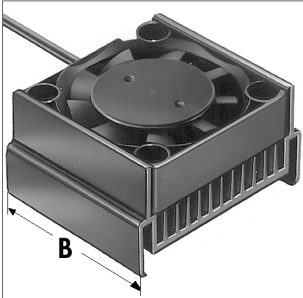
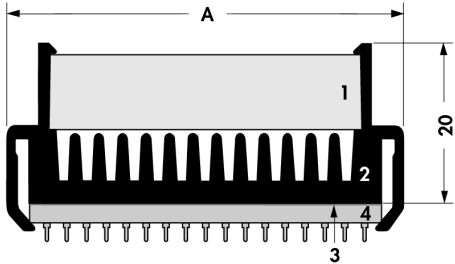
alarm output can not be ordered for LA ICK 15 x 15

used fans:

5 volt = Sepa MFB 40 D 05 H

12 volt = Sepa MFB 40 D 12 H

- integrated retaining spring fixes the fan cooler safely on the IC
- good heat transition ensured by inserted adherent thermally conductive foil
- easy assembly and exchange of fan by insertion into integrated retaining device

				
art. no.	$R_{th}$ [K/W]	suitable for processor type	dim. [mm]	
			A	B
<b>LAK ICK 17 X 17 ...</b>	1.9	Intel® 80486	47.5	43
<b>LAK ICK 21 X 21 ...</b>	1.6	Intel® Pentium®	52.0	50
<b>LAK ICK PEN 200 ...</b>	1.8	Intel® Pentium® 200/ MMX	52.0	50
<b>please indicate: ... fan type</b> <b>5 KUL; 12 KUL; 5 GEL; 12 GEL</b>				

1) fan

2) heatsink

3) thermal conductive foil

4) PGA-cases

### technical annotations of the fans:

	<b>... 5 KUL</b>	<b>... 12 KUL</b>	<b>... 5 GEL</b>	<b>... 12 GEL</b>
<b>type</b>	Sepa MFB 40 D 05 H	Sepa MFB 40 D 12 H	Papst 405 F	Papst 412 F
<b>circuit voltage</b>	5 V	12 V	5 V	12 V
<b>bearing type</b>	double ball bearing	double ball bearing	double slide bearing	double slide bearing

### B 31

Heatsinks for BGA  
 Heatsinks for PGA  
 Heatsinks for microprocessors  
 Heatsinks for power-pc

→ B 13 – 15  
 → B 8 – 12  
 → B 28  
 → B 28

Heatsinks for DEC Alpha-AXP  
 Heatsinks for Pentium II  
 Heatsinks for Pentium III-Xeon  
 Fan cooler for Pentium IV

→ B 28  
 → B 30  
 → B 30 – 14  
 → B 35