



# About t-Global Technology

t-Global Technology is a leading supplier of advanced thermal management solutions. We design, develop and manufacture our own range of interface materials based on the stringent needs of our key markets. From our European and Asian locations we offer design support, rapid sampling and full engineering support.

It is this corporate philosophy that has fuelled our growth and allowed our customers to come to market with technologically appropriate products. Our continued links with key customers, academic institutions and industrial decision makers will feed t-Global Technology's development so that we remain your number one choice for all your thermal management needs.

## t-Global Technology's unique selling points:

Low lead-times

No MOQ

Market leading technologies

Global footprint with dedicated local support

Custom engineering and design service



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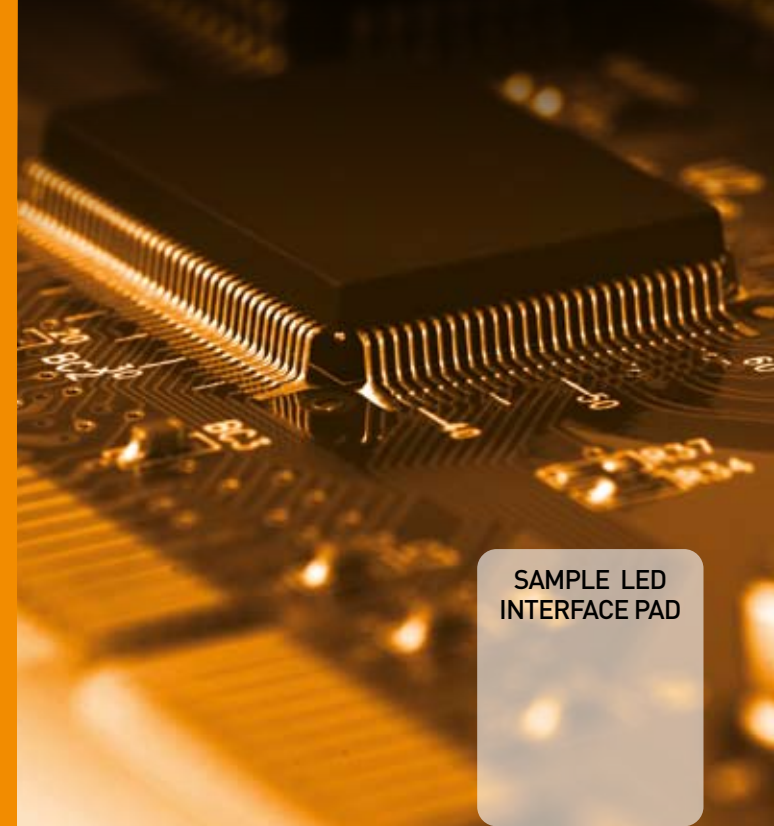


in partnership with

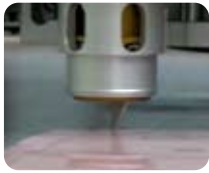


Leading suppliers of  
**ADVANCED THERMAL  
MANAGEMENT SOLUTIONS**

[www.tglobaltechnology.com](http://www.tglobaltechnology.com)



SAMPLE LED  
INTERFACE PAD

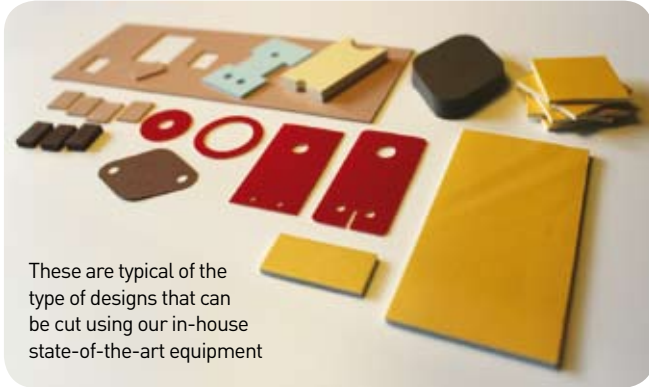


## Custom engineering

T-Global thermal interface materials can be rapidly prototyped using our in-house facility, there are no special tooling requirements, this means costs are kept to a minimum.

Our digital flat bed cutters are highly accurate and can rapidly cut very complex shapes with high precision.

Ideal for making prototype samples for thermal testing or for small production runs under 250 units.



These are typical of the type of designs that can be cut using our in-house state-of-the-art equipment

## ORDERING CUSTOM PARTS

- Select the t-Global thermal interface material that meets your thermal design criteria.
- Send us your custom design as a .DXF or vector PDF file.
- Specify the number of samples needed and if there is any particular format requirement i.e. kiss-cut or separate parts etc.

Once the thermal pad design is proven, volume production is carried out at our main manufacturing facility; usually using an efficient die-cut process.

Contact us for pricing information for volume production.



## Die-Cut insulators

### Die-Cut Insulator Type & Part No.

- 2 LEAD, TO-3 DC0001**
- 3 LEAD, TO-3 DC0002**
- 4 LEAD, TO-3 DC0003**
- 8 LEAD, TO-3 DC0004**
- 10 LEAD, TO-3 DC0005**
- TO-66 DC0006**
- 3 LEAD, TO-66 DC0007**
- 4 LEAD, TO-66 DC0008**
- 9 LEAD, TO-66 DC0009**
- MULTI LEAD, TO-66 DC0010**
- TO-220 DC0011**
- TO-220 DC0012**
- TYPE II, TO-220 DC0013**
- DIODE WASHERS DO-4 DC0014**
- DIODE WASHERS DO-5 DC0015**
- TO-36 DC0016**
- TO-5 and TO-18 3 Holes DC0017**
- TO-5 and TO-18 4 Holes DC0018**
- RECTIFIER DC0019**
- TIP PACKAGE DC0020**
- POWER MODULE DC0021**
- POWER MODULE DC0022**
- POWER MODULE DC0023**
- TO3 6 HOLE DC0024**
- SIP PACKAGE DC0025**
- Arcol HS10 DC0026**
- Arcol HS15 DC0027**
- Arcol HS25 DC0028**
- Arcol HS50 DC0029**
- Arcol HS75 DC0030**
- Arcol HS100 DC0031**
- Arcol HS150 DC0032**
- Arcol HS200 DC0033**
- Arcol HS250 DC0034**
- Arcol HS300 DC0035**



## Die-Cut LEDs

### Die-Cut thermal pads for common LED footprints

Die-Cut thermal pads for LED modules						
Thermal Pad Footprint	Material type	t-Global material code	Thermal conductivity W/m.K	Thickness (mm)	t-Global Ordering Part No.	Digi-Key Ordering Part No.
LED single Star board (Luxeon Rebel)	Thermal tape	Li98	0.95	0.15	LP0001/01-Li98-0.15	1168-1715-ND
		Li2000A	2	0.15	LP0001/01-Li2000A-0.2	1168-1716-ND
	Phase change	PC99	1.5	0.06	LP0001/01-PC99-0.06	1168-1717-ND
LED board 25.4 x 25.4mm	Thermal tape	Li98	0.95	0.15	LP0002/01-Li98-0.15	1168-1718-ND
		Li2000A	2	0.15	LP0002/01-Li2000A-0.2	1168-1719-ND
	Phase change	PC99	1.5	0.06	LP0002/01-PC99-0.06	1168-1720-ND
Luxeon K-4 LXX8-PWxx-0004	Thermal tape	Li98	0.95	0.15	LP0003/01-Li98-0.15	1168-1763-ND
		Li2000A	2	0.15	LP0003/01-Li2000A-0.2	1168-1764-ND
	Phase change	PC99	1.5	0.06	LP0003/01-PC99-0.06	1168-1765-ND
Luxeon K-8 LXX8-PWxx-0008	Thermal tape	Li98	0.95	0.15	LP0004/01-Li98-0.15	1168-1766-ND
		Li2000A	2	0.15	LP0004/01-Li2000A-0.2	1168-1767-ND
	Phase change	PC99	1.5	0.06	LP0004/01-PC99-0.06	1168-1768-ND
Luxeon K-12 LXX8-PWxx-0012	Thermal tape	Li98	0.95	0.15	LP0005/01-Li98-0.15	1168-1769-ND
		Li2000A	2	0.15	LP0005/01-Li2000A-0.2	1168-1770-ND
	Phase change	PC99	1.5	0.06	LP0005/01-PC99-0.06	1168-1771-ND
Luxeon K-16 LXX8-PWxx-0016	Thermal tape	Li98	0.95	0.15	LP0005/01-Li98-0.15	1168-1769-ND
		Li2000A	2	0.15	LP0005/01-Li2000A-0.2	1168-1770-ND
	Phase change	PC99	1.5	0.06	LP0005/01-PC99-0.06	1168-1771-ND
Luxeon K-24 LXX8-PWxx-0024	Thermal tape	Li98	0.95	0.15	LP0006/01-Li98-0.15	1168-1772-ND
		Li2000A	2	0.15	LP0006/01-Li2000A-0.2	1168-1773-ND
	Phase change	PC99	1.5	0.06	LP0006/01-PC99-0.06	1168-1774-ND