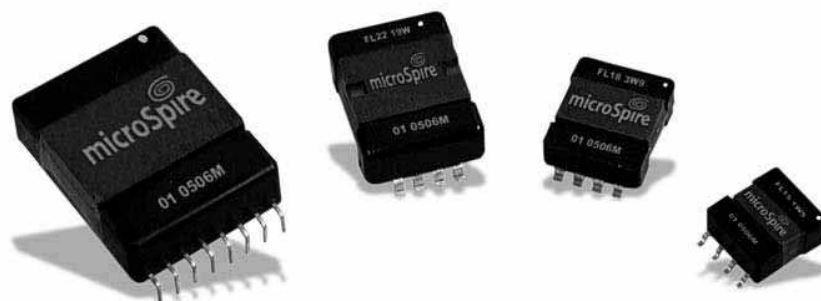


Flyback Transformers for DC/DC Embedded Applications

FLYT Series



Package	Indicative Max Output Power at 100KHz (W)	Max Dimensions (LxWxH in mm)	Number of Pins	Weight (grams)	Permitted Losses* for 25°C heating above 100°C (W)
FLYT15	5	22 x 16 x 8	2 x 4 SMD	5	0.6
FLYT15.1***	5	22 x 16 x 8	2 x 6 SMD	5	0.6
FLYT18	15	26 x 20 x 8,9	2 x 4 SMD	10	0.8
FLYT18.1***	15	36 x 20 x 8,9	2 x 9 SMD	12	0.8
FLYT22	30	37 x 24 x 11,9	2 x 4 SMD	26	1.1
FLYT22.1***	30	39 x 24 x 11,9	2 x 8 SMD	26	1.1
FLYT32***	65	49 x 34 x 13,7	2 x 8 PTH**	56	1.7

* Values without heatsink ; these values can be increased with appropriate cooling device

** Through-hole terminations only

*** See Micromag N° 1 for more information

- MicroSpire's «SESI Technology» planar solution for DC/DC flyback converters
- Seven standard packages in a qualified technology for extreme working conditions
- Compliant with MIL-STD-202, ECSS-Q-70-02 (aerospace) and DO-160 (avionics) standards
- Already evaluated by the CNES for space applications (ESCC Capability Approval in process)
- Low profile and light, highly efficient and reliable
- Extended operating temperature range from -55°C to +125°C
- SMD versions suited for IR and vapor reflow soldering
- Packaging in Tape&Reel upon request for SMD versions

Shielded versions with thin six-face tinned copper box upon request (3 times less EMI radiation)

