Ω γενο ,A γ.ο , μΗ, s.s. μΗ, ο.γ Α, ο.3γ Ω

■ 744 773 to SMD storage choke, open construction, to µH, t.o A o.18 ©

TA4 773 047 SMD storage choke, open construction, 4.7 µH, 1.3 A,

Suitable miniature storage chokes are:

SEPIC converter 22 µH

able

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6 58

- Hy or <= V €.£ < mV retrevnoor nwob-qetS
 - Step-up converter V_{in} < 3.3 V => 4.7 µH

The following inductor values apply, depending on the application:

Inductors for LT1613: The recommendation from Linear Technology is to use inductors with a The recommendation from Linear Technology is to use inductors with a Current rating of at least 0.5 A and a DC resistance less than 0.5 $\Omega_{\rm c}$

Fig. 12: Recommended SEPIC converter board layout.

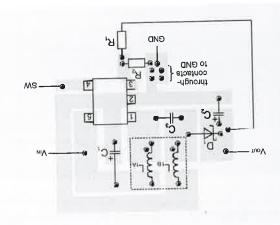
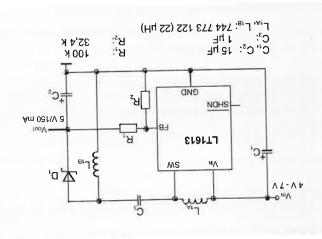


Fig. 11: SEPIC converter for 5 V input range 4-7 V.



MÜRTH ELEKTRONIK

Board layout

Inductor values

Amorrol burner

214

512

Applicativ