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Q4344-B Flyback Regulator Transformer

This product **will not** be available in an RoHS-compliant version. Terminations contain lead.

- For flyback regulator applications using LM258X **SIMPLE SWITCHER**[®]
- Recommended and approved by National Semiconductor
- 500 Vrms isolation between windings
- Custom versions available



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SPECIFICATIONS



[Dimensions](#)



[Schematic diagram](#)

NSC ref #	Part number Click for samples	L at 0 Adc ±15% (µH)	L at Ipk min (µH)	Volt-time product max (Vµsec)	Leakage inductance ¹ max (µH)	DCR (Ohms)		Turns ratio
						Pri	Sec	
T4	Q4344-B	85	76.5	364.5	3.5	0.145	0.20 (10-9) 0.20 (7-6) 0.3 (4-5)	1 : 0.35 (10-9) : 0.8 (7-6) : 0.8 (4-5)

¹ Leakage inductance measured across the primary at 0.10 Vrms, 100 kHz.

² DC current at which the primary voltage is measured.

³ Operating temperature range -40°C to +85°C.

⁴ Electrical specifications at 25°C.

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