

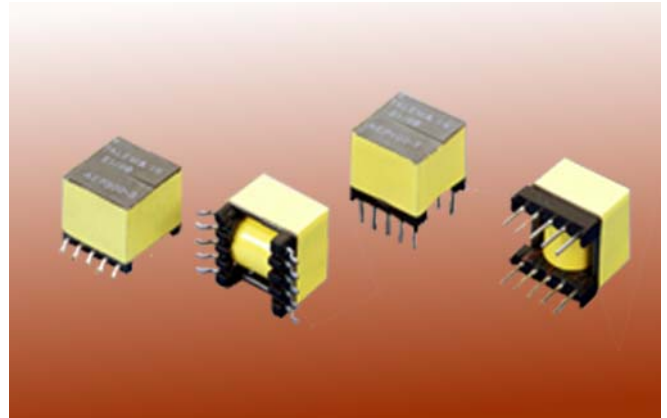


## IC - ADSL Transformer Selection Guide

Talema has designed a cost effective range of RoHS compliant transformers and inductors for ADSL applications. The units are available in the most popular small footprints in both thru hole and surface mount configurations. The transformers are matched to all leading chip sets and meet the requirements of ANSI and ETSI standards while offering very low THD, permitting maximum loop length.

### ENVIRONMENT

All TALEMA International Group manufacturing facilities are RoHS compliant and all chokes, inductors and HF components are produced in an Environment Management System (EMS) facility which is certified to ISO-14001:2004.



### IC - ADSL Transformer Cross Reference Guide

IC Manufacturer	IC Part Number	Application	Turns Ratio Line : Chip	Isolation Voltage	Inductance Line Side	Talema Part Number
Alcatel	MTK20130/140/150	CO	2 : 1	1500	410µH	AEP210 / AE-230
	MTK20130/140/141/150/152	CPE	1 : 1	1500	480µH	AEP220
	MTK20131	CPE	1 : 1	2000	440µH	APT200
	MTK20450	CO/CPE	2 : 1	1500	410µH	AEP210 / AE-230
Analog Devices	AD20MSP910/918	CO/CPE	1 : 1	1500	5.0mH	AEP100 / AEP140
	AD20MSP918	CO	1.27 : 1	1500	3.22mH	AEP110
	AD20MSP930	CO	1.11 : 1	1500	2.03mH	AEP120
	AD20MSP930	CPE	1.2 : 1	1500	2.42mH	AEP130
Centillum	CT-L21SC08/CT-L41SC04	CO	1 : 1	1500	462µH	AEP1000
	CT-L50SC04/CT-L50ST81	CO/CPE	1.8 : 1	1500	462µH	AEP1010
	CT-L10AT01-1T		1 : 1.1	1500	364µH	AEP1020
Conexant	328R58-001 / 328R57-001	CO/CPE	2 : 1	1500	800µH	AEP1100
Fujitsu	MB86670	CO	2 : 1	1500	2.0mH	AEP800
Globespan	G7000	CPE	1 : 1	1500	435µH	AEP500
	G7000	CO	1.4 : 1	1500	441µH	AEP510
	EL-1501	CPE	1 : 1	1500	407µH	AEP520 / AEP530
	EL-1501	CO	1 : 1.4	1500	483µH	AEP540
	G7266	CO	1.41 : 1	1500	474µH	AEP550
	G7266RT		2 : 1	1500	440µH	AEP560
ITEX	i80134 / i80234	CPE	1 : 1	1500	462µH	AEP700
Legerity (AMD)	AMDSL134	CO	2 : 1	1500	410µH	AEP900
	AMDSL134	CPE	1 : 1	1500	410µH	AEP910
Linear Tech	LT1497		1 : 1.1	1500	364µH	AEP1020
Lucent	Wildwire	CO	1 : 1	1500	490µH	AEP610
	Wildwire	CPE	1 : 1	1500	1.23mH	AEP600
Motorola	MC03AX1456RT	CPE	1 : 1.8	1500	3.96mH	AEP300 / AEP330
	MC03AX1456	CO/CPE	1.2 : 1	1500	3.96mH	AEP310
	MC143460 / MC143462		1.2 : 1	1500	3.96mH	AEP320
TI	TNET D4000R		1.423 : 1	1500	1.5mH	AEP400
	TNET D4000C/P		1.95 : 1	1500	1.5mH	AEP410
	TNET D3000C/P		1.423 : 1	1500	1.5mH	AEP400