



xDSL Transformers

Introduction

A variety of transformers that correspond to unique DSL chipset broadband transmission requirements. Their applications include ADSL, VDSL, HDSL, MHDSL and Cable Modem in broadband transmission industry.

Broadcom Chipsets

IC Part No.	CMI Part No.	Ratio	Application	Inductance
BCM6301, BCM6338, BCM6348	CMI-ATS-878R	(16-9):(1-4)=1:1 (16-9):(5-8)=4.25:1	ADSL/ADSL2/ADSL2+ CPE Annex B	100uH
BCM6301, BCM6338, BCM6348	CMI-ATS-913R	(16-9):(1-4)=1:1 (16-9):(5-8)=4.25:1	ADSL/ADSL2/ADSL2+ CPE Annex A/C	400uH
BCM6301, BCM6338, BCM6348	CMI-ATS-911R	(16-9):(1-4)=4.2:1 (16-9):(5-8)=1:1	ADSL/ADSL2/ADSL2+ CPE Annex A/C	400uH

Infineon Chipsets

IC Part No.	CMI Part No.	Ratio	Application	Inductance
Danube/Amazon	CMI-ATS-827R	(16-9):(1-4)=1:1 ;(16-9):(5-8)=4.2:1	ADSL/ADSL2/ADSL2+ CPE Annex A/C	1.4mH
Amazon	CMI-ATS-881R	16-9):(1-4)=1:1 ;(16-9):(5-8)=3.8:1	ADSL/ADSL2/ADSL2+CPE Annex B	200uH
Amazon	CMI-ATS-893R	(16-9):(1-4)=4.2:1 ;(16-9):(5-8)=2:1	ADSL/ADSL2/ADSL2+ CPE Annex A/C	1.4mH

TI Chipsets

IC Part No.	CMI Part No.	Ratio	Application	Inductance
UR8	CMI-ATS-846R	(16-9):(1-4)=1:1 ;(16-9):(5-8)=2.5:1	ADSL/ADSL2/ADSL2+CPE Annex A	1.5mH

Alcatel Chipsets

IC Part No.	CMI Part No.	Ratio	Application	Inductance
-	CMI-ATS-471A	01:01	ADSL	UL1950, SMD
MTK20140	CMI-ATS-355	01:01	ADSL	UL1950, THT
MTK20140	CMI-ATS-316B	01:01	ADSL	UL1459, THT
MKT20140	CMI-ATS-527	02:01	ADSL	UL1950, THT
MKT20131	CMI-ATS-527	02:01	ADSL	UL1950, THT
MKT20150	CMI-ATS-527	02:01	ADSL	UL1950, THT
MKT20131	CMI-ATS-344	01:01	ADSL	UL1459, THT
MKT20143	CMI-ATS-343	2:1:3.3CT	ADSL	UL1459, THT

MKT20131	CMI-ATS-340	01:01	ADSL	UL1459, THT
MKT20131	CMI-ATS-341	01:01	ADSL	UL1459, THT
MKT20141	CMI-ATS-423S	01:01	ADSL	UL1950, SMD
MKT20141	CMI-ATS-454	01:01	ADSL	UL1459, SMD

Conexant Chipsets

IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
RS8973	CMI-ATS-371A	1:2CS	Full Range/1168K	HDSL, THT
BT8952	CMI-ATS-359	2CT:1:1	1168K	HDSL, THT
BT8921/BT8970	CMI-ATS-398	1CT:1:1	1168K	HDSL, THT
ACCESSRUUNER	CMI-ATS-428	01:03.3	ADSL	UL1950, THT
IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
20441 Line Driver	CMI-ATS-428	01:03.3	ADSL	UL1950, THT
Argon	CMI-ATS-919R	(16-9):(1-4)=4:1;(16-9):(5-8)=2:1	ADSL/ADSL2/ADSL2+ CPE Annex A/C	700Uh

Texas Instruments Chipsets

IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
THS6002	CMI-ATS-472/	01:01.9	ADSL CO/CPE	ATS-472C (SMD)
THS6012	CMI-ATS-472/	01:01.9	ADSL CO/CPE	ATS-472 (THT)
THS6022	CMI-ATS-472/	01:01.9	ADSL CO/CPE	UL1950
TNETD3000C/P	CMI-ATS-472/	01:01.9	ADSL CO/CPE	
THS6002	CMI-ATS-330/	01:01.4	ADSL CPE	ATS-330A (SMD)
THS6012	CMI-ATS-330/	01:01.4	ADSL CPE	UL1459, THT
THS6022	CMI-ATS-330/	01:01.4	ADSL CPE	UL1459, THT
TNETD3000C/P	CMI-ATS-330/	01:01.4	ADSL CPE	UL1459, THT
TI5000	CMI-ATS-472A	01:01.9	ADSL	UL1950, THT
TI5000	CMI-ATS-472B	01:01.9	ADSL	UL1950, SMD

ST Micro Chipsets

IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
TOSCA-ATU-R	CMI-ATS-343	2:1:3.3CT	ADSL	UL1459, THT

VIRATA Chipsets

IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
HELIUM	CMI-ATS-343	2:1:3.3CT	ADSL	UL1459

iTex Chipsets

IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
APOLLOII	CMI-ATS-423S	01:01	ADSL	UL1950, SMD
SAM	CMI-ATS-423S	01:01	ADSL	UL1950, SMD
SAM	CMI-ATS-316A	01:01	ADSL	UL1459, SMD
SAM	CMI-ATS-376	1:1,UL1950 of ATS-316	ADSL	UL1950, SMD
APOLLOII	CMI-ATS-385	5.5mH,With Frame	ADSL	UL1950, THT
APOLLOII	CMI-ATS-385A	5.5mH Without Frame	ADSL	UL1950, THT

SAM	CMI-ATS-385	5.5mH,With Frame	ADSL	UL1950, THT
SAM	CMI-ATS-385A	5.5mH,Without Frame	ADSL	UL1950, THT

LOBESPAN Chipsets

IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
ADSL over ISDN	CMI-ATS-477	02:01	ADSL	UL1950, SMD
MDSL (CAP based)	CMI-ATS-459	04:01	MDSL	IEC1950, SMD
HDSL2	CMI-ATS-476	01:01.5	HDSL	IEC1950, SMD
ADSL over POTS	CMI-ATS-446	01:01	ADSL	UL1950, SMD
	CMI-ATS-503	02:01	ADSL	UL1950, SMD
New Chipset	CMI-ATS-504	02:01	ADSL	UL1459, SMD
ILD2	CMI-ATS-514	04:01	G.SHDSL	IEC1950, SMD

LUCENT Chipsets

IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
12V Full Rate LEO 2	CMI-ATS-507	0.5mH	ADSL Choke	EP7, THT

Centillium Chipsets

IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
CT-L50ST81	CMI-ATS-512	01:02	ADSL	IEC950, SMD
CT-L22SU15	CMI-ATS-424B	01:01	ADSL	IEC950, SMD

Analog Devices Chipsets

IC Part No.	CMI Part No.	Description/Ratio	Application	Remarks
Eagle Chipset	CMI-ATS-584	03:01	ADSL	EP13, DIP
Eagle Chipset	CMI-ATS-585	01:01.4	ADSL	EP13, DIP
Eagle Chipset	CMI-ATS-556B	03:01	ADSL	EP13, SMD
Eagle Chipset	CMI-ATS-564A	01:01.4	ADSL	EP13, SMD
Eagle Chipset	CMI-ATS-586	01:02.8	ADSL	EP13, DIP
Eagle Chipset	CMI-ATS-587	01:01.1	ADSL	EP13, DIP
Eagle Chipset	CMI-ATS-588	2.8:1	ADSL	EPX7, SMD
Eagle Chipset	CMI-ATS-588A	2.8:1	ADSL	EPX7, SMD
Eagle Chipset	CMI-ATS-589	1.1:1	ADSL	EPX7, SMD
Eagle Chipset	CMI-ATS-589A	1.1:1	ADSL	EPX7, SMD
AD20msp930	CMI-ATS-446	01:01	ADSL, CO	UL1950, SMD
AD20msp930	CMI-ATS-446A	01:01	ADSL, CO	UL1950, SMD
AD20msp910	CMI-ATS-335	01:01	ADSL, CO/CPE	UL1459, THT
AD20msp910	CMI-ATS-335A	01:01	ADSL, CO/CPE	UL1459, SMD