

LAN PRODUCTS/IC CROSS REFERENCE



IC CROSS REFERENCE: GIGABIT

DISCRETE COMPONENTS										USB PLATFORMS ^B							
IC Manufacturer	IC			Turns Ratio ^A	Single		Dual			1X1		1XN		2XN		RJ45/USB ⁵	
	Part Number	Ports	Note		Part Number	Data Sheet	Part Number	Data Sheet		Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet
Broadcom (includes ALTIMA)	AC1001, AC1002	1	MAC/PHY	1:1	H5007	H500	H5012	H503	JK Series ^{2, C}	—	JG Series ^{3, C}	—				JW0A2P019D ^C	—
	AC1011, AC1012	1	MAC/PHY	1:1	H5062	H600	H5020 ¹	H503									
	BCM5400, BCM5401	1	PHY	1:1													
	BCM5411, BCM5421/S	1	PHY	1:1													
	BCM5701	1	MAC/PHY	1:1													
	BCM5402	2	PHY	1:1			H5012	H503			JG Series ^{3, C}	—	JC Series ^{4, C}	—			
Cicada Semiconductor	CIS8201	1	PHY	1:1	H5007	H500	H5012	H503	JK Series ^{2, C}	—	JG Series ^{3, C}	—				JW0A2P019D ^C	—
	CIS8204	4	PHY	1:1	H5062	H600	H5020 ¹	H503									
Intel	LXT1000	1	MAC/PHY	1:1	H5007	H500	H5012	H503	JK Series ^{2, C}	—	JG Series ^{3, C}	—				JW0A2P019D ^C	—
	82540, 82544	1	PHY	1:1	H5062	H600	H5020 ¹	H503									
	82546, 82547	1	PHY	1:1													
LSI Logic	LXT1040	4	MAC/PHY	1:1							JG Series ^{3, C}	—	JC Series ^{4, C}	—			
	L80600	1	1:1	1:1	H5007	H500	H5012	H503	JK Series ^{2, C}	—	JG Series ^{3, C}	—				JW0A2P019D ^C	—
Marvell Semiconductor	L80601	1	1:1	1:1	H5062	H600	H5020 ¹	H503									
	88E1000, 88E1000S,	1	MAC/PHY	1:1	H5007	H500	H5012	H503	JK Series ^{2, C}	—	JG Series ^{3, C}	—				JW0A2P019D ^C	—
	88E1010/S, 88E1111	1	MAC/PHY	1:1	H5062	H600	H5020 ¹	H503									
	88E1011, 88E1011S	1	MAC/PHY	1:1													
	88E1020, 88E1020S,	2	MAC/PHY	1:1													
	88E1040, 88E1040S,	4	MAC/PHY	1:1							JG Series ^{3, C}	—	JC Series ^{4, C}	—			
Kendin	88E1041, 88E1041S,	4	MAC/PHY	1:1													
	88E1042, 88E1042S	4	MAC/PHY	1:1													
Mysticom	88E1180	8	MAC/PHY	1:1													
	KS9020	1	1:1	1:1	H5007	H500	H5012	H503	JK Series ^{2, C}	—	JG Series ^{3, C}	—				JW0A2P019D ^C	—
National Semiconductor	MY1001	1	1:1	1:1	H5007	H500	H5012	H503	JK Series ^{2, C}	—	JG Series ^{3, C}	—				JW0A2P019D ^C	—
	DP83820	1	NIC	1:1	H5062	H600	H5020 ¹	H503									
Realtek	DP83861	1	PHY	1:1							JG Series ^{3, C}	—					
	DP83865	1	PHY	1:1													
Realtek	RLT8169	1	NIC	1:1	H5007	H500	H5012	H503	JK Series ^{2, C}	—	JG Series ^{3, C}	—				JW0A2P019D ^C	—
					H5062	H600	H5020 ¹	H503									

1. **Compact** foot print dual magnetic cross reference

2. **Single port** THT tab-up connector cross reference

3. **Multiport** 1byN THT tab-up connector cross reference

4. **Multiport** THT 2byN connector cross reference

5. **RJ45/USB** single port THT tab-up connector cross reference

A. **TX turns ratio**, unless otherwise specified the, RX path turns ratio is 1:1

B. **One part** is identified in this cross reference. Multiple parts with different platforms can be found on the referenced data sheet.

C. **For detailed** information about this Series, call Pulse, LAN Applications at 858-674-8100 or e-mail prodinfo_lan@pulseeng.com.

SMT - Surface Mount Package THT - Through Hole Package

LAN PRODUCTS/IC CROSS REFERENCE



IC CROSS REFERENCE: 10/100BASE-TX

DISCRETE COMPONENTS										RJ45 PLATFORMS ^B								
IC Manu- facturer	IC			Turns Ratio ^A	Single		Dual		Quad		1X1		1XN		2XN		RJ45/USB ⁷	
	Part Number	Ports	Note		TX	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number
ADMTek	ADM8511 / 8513 / 9511	1	PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
	ADM9513, AN983B	1	PHY	1:1	H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
	AN985B(L)	1	AutoMDX	1:1	HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409	J3006G21D ⁵	J409				
	ADM6305, ADM6308 / 6326 / 6509 ADM6909	5 8 8	PHY PHY PHY	1:1 1:1 1:1				H1164 ² H1259 HX1234 ¹ H2017 ²			H328 H600 H328 H327	J8064E64 ⁶ J8064E68 ⁶ J8064D648A ⁶ J8064D688A ⁶	J404 J404 J404 J404	J2045H3A ^C J2045H3B ^C J2045H3C ^C			J401 J401 J401	
AMD	AM79C874 / 875	1	PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
	AM79C972, / 973 / 975	1	PHY	1:1	H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
	AM79C976 / 977	1	PHY	1:1	HX1188 ¹	H325					JV006I21 ⁴	J409						
				1:1	H2019 ²	H327					J3006G21D ⁵	J409						
				1:1	PE-69012 ^E	H304												
AM79C874	1	PHY	1:1.414	H1081	H314			J0018D21 ³ J3018G21D ⁵	J403 J409									
Broadcom (Includes Altimax)	AC101,	1	PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
	BCM5201 / 5221 / 5222	1	PHY	1:1	H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
	AC105 / 108	2	PHY	1:1	HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
	BCM5912	2	PHY	1:1	H2019 ²	H327	J3006G21D ⁵	J409										
	BCM1100	2	VoIP/PoE	1:1	PE-69012 ^E	H304												
	AC104	4	PHY	1:1							H1164 ² H1259 HX1234 ¹ H2017 ²	H328 H600 H328 H327	J8064E64 ⁶ J8064E66 ⁶ J8064E68 ⁷ J8064D648A ⁶ J8064D668A ⁶ J8064D688A ⁶	J404 J404 J404 J404 J404 J404			J2045H3A ^C J2045H3B ^C J2045H3C ^C	J401 J401 J401
	BCM5201 / 5203 / 5204	4	PHY	1:1														
	BCM5205 / 5208R / 5214	4	PHY	1:1														
	AC205 / 206, BCM5315,	5	PHY	1:1														
	BCM5216 / 5226,	6	PHY	1:1														
	AC207 / 208	8	PHY	1:1														
	BCM5218 / 5228 / 5238	8	PHY	1:1														
	BCM5317 / 5318	8	PHY	1:1														
	BCM5308	9	PHY	1:1														
Broadmedia (Davicom)	DM9101 / 9131 / 1961	1	PHY	1:1					H1102	H325					H1270	H322		
	DM9161 / 9162	1	PHY	1:1	H1260	H600	H2005A ²	H327	J1006D21 ³	J402	J8064D628A ⁶	J404	J6026M51U ^D	J408				
	DM9102 / 9102A	1	MAC/PHY	1:1	HX1188 ¹	H325	H2009 ²	H327	JV006I21 ⁴	J409								
	DM9000 / 9601	1	MAC/PHY	1:1	H2019 ²	H327	J3006G21D ⁵	J409										
						PE-69012 ^E	H304											

1. **Extended** temperature single port discrete magnetic cross reference
2. **PoE / VoIP** single port discrete magnetic cross reference
3. **Single port** THT tab-up/down connector cross reference
4. **Single port** SMT tab-down connector cross reference
5. **Single port** SMT tab-up connector cross reference

6. **Multi-port** 1byN THT tab-down connector cross reference
 7. **RJ45/USB** single port THT tab-up connector cross reference
- A. **TX** turns ratio, unless otherwise specified, the RX turns ratio is 1:1
- B. **One** part is identified in this cross reference. Multiple parts with different platforms can be found on the referenced data sheet.

- C. **Multiport** 2byN THT connector cross reference (A=2X4, B=2X6, C=2X8)
- D. **LED colors** (Green/Yellow, Green-Orange/Yellow)
- E. **Low profile** (PCMCIA)

(continued on next page)

LAN PRODUCTS/IC CROSS REFERENCE



IC CROSS REFERENCE: 10/100BASE-TX (continued)

DISCRETE COMPONENTS										RJ45 PLATFORMS ^B								
IC Manu- facturer	IC			Turns Ratio ^A	Single		Dual		Quad		1X1		1XN		2XN		RJ45/USB ⁷	
	Part Number	Ports	Note		TX	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number
Cirrus Logic (Crystal)	CS8952	1	PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
	CS8952T	1	PHY	1:1	H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
					HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
					H2019 ²	H327					J3006G21D ⁵	J409						
					PE-69012 ^E	H304												
Fujitsu	84222	1	PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
					H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
					HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
					H2019 ²	H327					J3006G21D ⁵	J409						
					PE-69012 ^E	H304												
ICS	ICS1890 / 1891	1	PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
	ICS1891 / 1893	1	PHY	1:1	H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
					HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
					H2019 ²	H327					J3006G21D ⁵	J409						
					PE-69012 ^E	H304												
Infineon	PSB21553	2	PoE PHY	1:1			H2006A ²	H327										
Intel (Level One)	8255 / 2551QM / 551ER	1	MAC/PHY	1:1	H1102	H325	H1270	H322	H1164 ²	H328	J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
	82562 / 550 / 559 / 559ER	1	MAC/PHY	1:1	H1260	H600	H2005A ²	H327	H1259	H600	J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
	SL3RB	1	MAC/PHY	1:1	HX1188 ¹	H325	H2009 ²	H327	HX1234 ¹	H328	JV006I21 ⁴	J409						
	LXT970A / 971 / 972A	1	PHY	1:1	H1112	H326					J3006G21D ⁵	J409						
	LXT973	2	PHY	1:1	H2019 ²	H327												
					PE-69012 ^E	H304												
	LXT974 / 975	4	PHY	1:1					H1164 ²	H328			J8064E64 ⁶	J404	J2045H3A ^C	J401		
	LXT9761 / 762 / 763	6	PHY	1:1					H1259	H600			J8064E66 ⁶	J404	J2045H3B ^C	J401		
	LXT9781 / 782 / 784 / 785	8	PHY	1:1					HX1234 ¹	H328			J8064E68 ⁶	J404	J2045H3C ^C	J401		
									H2017 ²	H327			J8064D648A ⁶	J404				
												J8064D668A ⁶	J404					
												J8064D688A ⁶	J404					
Kendin, a MICREL Company	KS8721B / 8737	1	PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
	KS8993	3	MAC/PHY	1:1	H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
					HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
					H2019 ²	H327					J3006G21D ⁵	J409						
				PE-69012 ^E	H304													

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5. **Single port** SMT tab-up connector cross reference

6. **Multiport** 1byN THT tab-down connector cross reference

7. **RJ45/USB** single port THT tab-up connector cross reference

A. **TX** turns ratio, unless otherwise specified the RX turns ratio is 1:1

B. **One** part is identified in this cross reference. Multiple parts with different platforms can be found on the referenced data sheet.

C. **Multiport** 2byN THT connector cross reference (A=2X4, B=2X6, C=2X8)

D. **LED colors** (Green/Yellow, Green-Orange/Yellow)

E. **Low profile** (PCMCIA)

LAN PRODUCTS/IC CROSS REFERENCE



IC CROSS REFERENCE: 10/100BASE-TX (continued)

DISCRETE COMPONENTS										RJ45 PLATFORMS ^B									
IC Manufacturer	IC			Turns Ratio ^A	Single		Dual		Quad		1X1		1XN		2XN		USB Combo ⁷		
	Part Number	Ports	Note		TX	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet
Kendin, a Mitel Company <i>(continued)</i>	KS8995 / 995E KS8995M / 995X KS8997 / 999	5 5 8	MAC/PHY MAC/PHY MAC/PHY	1:1 1:1 1:1					H1164 ² H1259 HX1234 ¹ H2017 ²	H328 H600 H328 H327			J8064E64 ⁶ J8064E68 ⁶ J8064D648A ⁶ J8064D688A ⁶	J404 J404 J404 J404	J2045H3A ^C J2045H3B ^C J2045H3C ^C	J401 J401 J401			
LSI	L80223, L80225, L80227	1	PHY	1:1	H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327			J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E62 ⁶ J8064D628A ⁶	J404 J404			JU054P01R ^D J6026M51U ^D	J408 J408	
	L84220, L84221, L84225	4	PHY	1:1					H1164 ² H1259 HX1234 ¹ H2017 ²	H328 H600 H328 H327			J8064E64 ⁶ J8064E68 ⁶ J8064D648A ⁶ J8064D688A ⁶	J404 J404 J404 J404	J2045H3A ^C J2045H3B ^C J2045H3C ^C	J401 J401 J401			
Lucent	LUC3X04 / 3X14 / 3X24 LU3X31FT-J80 / FT-TE80 LU3X34FT-J160 LU6612 T700 / 01, T213 / 20 / 40 / 41 T7213, T7241A T8301 (5 v), T8302 (3.3 v)	1 1 1 1 1 1 1	PHY PHY PHY AutoMDX PHY PHY VoIP	1:1 1:1 1:1 1:1 1:1 1:1 1:1		H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327			J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E62 ⁶ J8064D628A ⁶	J404 J404			JU054P01R ^D J6026M51U ^D	J408 J408
	LUC3X51, LUC3X54 LU1X54 / 2X54 / 3X54 LU3X36FTR LU3X38FTR LU3X312FTR LU3X32FT-SE128	4 4 5 8 12 12	PHY PHY PHY PHY PHY PHY	1:1 1:1 1:1 1:1 1:1 1:1						H1164 ² H1259 HX1234 ¹ H2017 ²	H328 H600 H328 H327			J8064E64 ⁶ J8064E66 ⁶ J8064E68 ⁶ J8064D648A ⁶ J8064D668A ⁶ J8064D688A ⁶	J404 J404 J404 J404 J404 J404	J2045H3A ^C J2045H3B ^C J2045H3C ^C	J401 J401 J401		
	MX715 MX98727	1 1	PHY PHY	1:1 1:1		H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327			J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E62 ⁶ J8064D628A ⁶	J404 J404			JU054P01R ^D J6026M51U ^D	J408 J408
	88E6021 88E6050, 88E6051 88E6060 88E6052, 88E6063	3 5 5/6 5/6/7	PHY PHY PHY PHY	1:1 1:1 1:1 1:1		H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327	H1164 ² H1259 HX1234 ¹ H2017 ²	H328 H600 H328 H327	J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E64 ⁶ J8064E68 ⁶ J8064D648A ⁶ J8064D688A ⁶	J404 J404 J404 J404	J2045H3A ^C J2045H3B ^C J2045H3C ^C	J401 J401 J401	JU054P01R ^D J6026M51U ^D	J408 J408

1. **Extended** temperature single port discrete magnetic cross reference
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6. **Multiport** 1byN THT tab-down connector cross reference
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SMT - Surface Mount Package THT - Through Hole Package

LAN PRODUCTS/IC CROSS REFERENCE



IC CROSS REFERENCE: 10/100BASE-TX (continued)

DISCRETE COMPONENTS										RJ45 PLATFORMS ^B								
IC Manu- facturer	IC			Turns Ratio ^A	Single		Dual		Quad		1X1		1XN		2XN		RJ45/USB ⁷	
	Part Number	Ports	Note		TX	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number
MicroLinear	ML665, ML6652	1	AutoMDX	1:1	H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327			J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E62 ⁶ J8064D628A ⁶	J404 J404			JU054P01R ^D J6026M51U ^D	J408 J408
Myson	MTD971 MTD972 MTD981	1 1 1	PHY PHY PHY	1:1 1:1 1:1	H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327	H1164 ² H1259 HX1234 ¹ H2017 ²	H328 H600 H328 H327	J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E62 ⁶ J8064D628A ⁶	J404 J404			JU054P01R ^D J6026M51U ^D	J408 J408
Mysticom	MystiPHY110	1	PHY	1:1	H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327	H1164 ² H1259 HX1234 ¹ H2017 ²	H328 H600 H328 H327	J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E62 ⁶ J8064D628A ⁶	J404 J404			JU054P01R ^D J6026M51U ^D	J408 J408
National Semiconductor	DP83815 (MACPHYTER) DP83840A DP83843 (PHYTER) DP83846A (DSPHYTER) DP83847 DP83223 (Twister)	1 1 1 2 1 1	MAC/PHY PHY PHY PHY PHY PHY	1:1 1:1 1:1 1:1 1:1 1:1	H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327	H1164 ² H1259 HX1234 ¹ H2017 ²	H328 H600 H328 H327	J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E62 ⁶ J8064D628A ⁶	J404 J404			JU054P01R ^D J6026M51U ^D	J408 J408
Realtek	RTL8100 / 101 / 100B / 130 RTL8139 / 139B / 139C RTL8150	1 1 1		1:1 1:1 1:1	H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327			J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E62 ⁶ J8064D628A ⁶	J404 J404			JU054P01R ^D J6026M51U ^D	J408 J408
	RTL8204, RTL8205S, RTL8305S RTL8208, RTL8308B RTL8316	4 5 8 16		1:1 1:1					H1164 ² H1259 HX1234 ¹ H2017 ²	H328 H600 H328 H327			J8064E64 ⁶ J8064E68 ⁶ J8064D648A ⁶ J8064D688A ⁶	J404 J404 J404 J404	J2045H3A ^C J2045H3B ^C J2045H3C ^C	J401 J401 J401		
SIS	SiS960	1	PHY	1:1 1:1 1:1 1:1	H1102 H1260 HX1188 ¹ H2019 ² PE-69012 ^E	H325 H600 H325 H327 H304	H1270 H2005A ² H2009 ²	H322 H327 H327			J0006D21 ³ J1006D21 ³ JV006I21 ⁴ J3006G21D ⁵	J403 J402 J409 J409	J8064E62 ⁶ J8064D628A ⁶	J404 J404			JU054P01R ^D J6026M51U ^D	J408 J408

1. Extended temperature single port discrete magnetic cross reference
2. PoE / VoIP single port discrete magnetic cross reference
3. Single port THT tab-up/down connector cross reference
4. Single port SMT tab-down connector cross reference
5. Single port SMT tab-up connector cross reference

6. Multiport 1byN THT tab-down connector cross reference
 7. RJ45/USB single port THT tab-up connector cross reference
- A. TX turns ratio, unless otherwise specified the RX turns ratio is 1:1
 B. One part is identified in this cross reference. Multiple parts with different platforms can be found on the referenced data sheet.

- C. Multiport 2byN THT connector cross reference (A=2X4, B=2X6, C=2X8)
 D. LED colors (Green/Yellow, Green-Orange/Yellow)
 E. Low profile (PCMCIA)

SMT - Surface Mount Package THT - Through Hole Package

LAN PRODUCTS/IC CROSS REFERENCE



IC CROSS REFERENCE: 10/100BASE-TX (continued)

DISCRETE COMPONENTS										RJ45 PLATFORMS ^B								
IC Manufacturer	IC			Turns Ratio ^A	Single		Dual		Quad		1X1		1XN		2XN		RJ45/USB ⁷	
	Part Number	Ports	Note		TX	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number	Data Sheet	Part Number
SMSC	LAN83C180	1	AutoMDX	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
	LAN83C183	1		1:1	H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
	LAN83C190	1		1:1	HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
	LAN91C100FD, / 110 / 111	1		1:1	H2019 ²	H327					J3006G21D ⁵	J409						
	LAN91C96, LAN91C96I				PE-69012 ^E	H304												
Sundance Technology	ST100	1	MAC/PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
	ST101 (Fast Ethernet Media Converter)				H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
					HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
					H2019 ²	H327					J3006G21D ⁵	J409						
					PE-69012 ^E	H304												
Tamarack	3097-F, 3299	1	PHY	1:1	H1102	H325	H1270	H322	H1164 ²	H328	J0006D21 ³	J403	J8064E62 ⁶	J404	J2045H3A ^C	J401	JU054P01R ^D	J408
	TC6013	1	PHY	1:1	H1260	H600	H2005A ²	H327	H1259	H600	J1006D21 ³	J402	J8064E64 ⁶	J404	J2045H3B ^C	J401	J6026M51U ^D	J408
	6043	4	PHY	1:1	HX1188 ¹	H325	H2009 ²	H327	HX1234 ¹	H328	JV006I21 ⁴	J409	J8064D628A ⁶	J404	J2045H3C ^C	J401		
					H2019 ²	H327			H2017 ²	H327	J3006G21D ⁵	J409	J8064D648A ⁶	J404				
					PE-69012 ^E	H304												
TDK	TSC78Q2120			1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
					H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
					HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
					H2019 ²	H327					J3006G21D ⁵	J409						
					PE-69012 ^E	H304												
Texas Instruments	TNETE110PM	1	MAC/PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
					H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
					HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
					H2019 ²	H327					J3006G21D ⁵	J409						
					PE-69012 ^E	H304												
TOPIC	TP100, TP110	1	PHY	1:1	H1102	H325	H1270	H322			J0006D21 ³	J403	J8064E62 ⁶	J404			JU054P01R ^D	J408
				1:1	H1260	H600	H2005A ²	H327			J1006D21 ³	J402	J8064D628A ⁶	J404			J6026M51U ^D	J408
				1:1	HX1188 ¹	H325	H2009 ²	H327			JV006I21 ⁴	J409						
				1:1	H2019 ²	H327					J3006G21D ⁵	J409						
				1:1	PE-69012 ^E	H304												
Zarlink (Plessey/Mitel)	MT933, MT937	1		1:1	H1102	H325	H1270	H322	H1164 ²	H328	J0006D21 ³	J403	J8064E64 ⁶	J404	J2045H3A ^C	J401	JU054P01R ^D	J408
	MT954	4		1:1	H1260	H600	H2005A ²	H327	H1259	H600	J1006D21 ³	J402	J8064E68 ⁶	J404	J2045H3B ^C	J401	J6026M51U ^D	J408
	MEA208	8		1:1	HX1188 ¹	H325	H2009 ²	H327	HX1234 ¹	H328	JV006I21 ⁴	J409	J8064D648A ⁶	J404	J2045H3C ^C	J401		
					H2019 ²	H327			H2017 ²	H327	J3006G21D ⁵	J409	J8064D688A ⁶	J404				
					PE-69012 ^E	H304												

1. **Extended** temperature single port discrete magnetic cross reference
2. **PoE / VoIP** single port discrete magnetic cross reference
3. **Single port** THT tab-up/down connector cross reference
4. **Single port** SMT tab-down connector cross reference
5. **Single port** SMT tab-up connector cross reference

6. **Multiport** 1byN THT tab-down connector cross reference
 7. **RJ45/USB** single port THT tab-up connector cross reference
- A. **TX** turns ratio, unless otherwise specified the RX turns ratio is 1:1
- B. **One** part is identified in this cross reference. Multiple parts with different platforms can be found on the referenced data sheet.

- C. **Multiport** 2byN THT connector cross reference (A=2X4, B=2X6, C=2X8)
- D. **LED colors** (Green/Yellow, Green-Orange/Yellow)
- E. **Low profile** (PCMCIA)

LAN PRODUCTS/IC CROSS REFERENCE



IC CROSS REFERENCE: 10BASE-T MODULES

IC Manufacturer	IC Part No.	Pulse Part No.	Ports Supported	Configuration ¹		Turns Ratio ²		Package		Data Sheet
				TX	RX	TX	RX	Style ³	L/W/H (in)*	
AMD	AM79C90, AM79C98, AM79C100, AM79C940, AM79C960, AM79C961, AM79C965, AM79C970, AM79C971, AM79C981, AM79C982, AM79C983, AM79C961 (PC net-ISA II)	FL1020	Single Port	R, F, T, C	R, F, T, C	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1020
		E2003	Single Port	R, F, T, C	R, F, T, C	1CT:1	1CT:1	SMT	1.000 / .500 / .230	E115
		PE-68017S	Single Port	F, T, C	F, T, C	1CT:1	1CT:1	SIL	1.000 / .210 / .450	E104
		SF1012	Single Port	F, T, C	F, T, C	1:1	1:1	SMT	1.010 / .380 / .246	SF1012
		PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		FL1012	Single Port	F, T, C	F, T	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1012
		PE-68068	Single Port	F, T, C	F, T	1CT:1	1CT:1	SMT	.600 / .650 / .084	E100
		PE-68056	Single Port	F, T, C	F, T	1CT:1	1CT:1	SMT	.930 / .510 / .230	E115
		PE-68032	Single Port	F, T, C	F, T	1CT:1	1CT:1	PCMCIA	.800 / .675 / .094	E103
		ST4190T	Quad Port	T, C	T, C	1CT:1CT	1:1	SMT	1.112 / .625 / .230	ST4190T
	AM79C984, AM79C985, AM79C988, AM79C989	PE-68049L	Quad Port	T, C	T	1CT:1CT	1:1	SMT	1.125 / .640 / .230	EC101
		PE-68050L	Quad Port	T	T	1CT:1CT	1:1	SMT	1.125 / .640 / .230	EC101
		E5017	Single Port	T, C	T	1CT:1CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
		AM186CC15DN	Single Port	R, F, T, C	R, F, T, C	1CT:1	1CT:1	SMT	1.000 / .500 / .230	E115
Cirrus Logic	CS8900, CS8920	PE-68062L	Quad Port	T, C	T	1CT:1.414CT	1:1	SMT	1.125 / .640 / .230	EC101
		PE-68065L	Quad Port	T	T	1CT:1.414CT	1:1	SMT	1.125 / .640 / .230	EC101
		23Z356SM	Single Port	T, C	T, C	1CT:1.414CT	1CT:1CT	SMT	.450 / .360 / .215	EC100
		ST7010T	Single Port	T, C	T, C	1CT:1.414CT	1CT:1CT	SMT	.457 / .375 / .230	ST7010T
		PE-65745	Single Port	T	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
	CS8900A-CQ3	E2023	Single Port	T, C	T, C	1CT:2.5CT	1CT:1CT	SMT	.500 / .375 / .230	EC100
		E4005	Single Port	T, C	T, C	1CT:2.5CT	1CT:1CT	SMT	.500 / .375 / .230	EC100
	CS8900A-RQ3	EX2024	Single Port	T, C	T, C	1CT:2.5CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
Davicom	DM9008, DM9009, DM9081, DM9095	FL1020	Single Port	R, F, T, C	R, F, T, C	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1020
		PE-68017S	Single Port	F, T, C	F, T, C	1CT:1	1CT:1	SIL	1.000 / .210 / .450	E104
		SF1012	Single Port	F, T, C	F, T, C	1:1	1:1	SMT	1.010 / .380 / .246	SF1012
		PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		FL1012	Single Port	F, T, C	F, T	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1012
		PE-68056	Single Port	F, T, C	F, T	1CT:1	1CT:1	SMT	.930 / .510 / .230	E115
		PE-68032	Single Port	F, T, C	F, T	1CT:1	1CT:1	PCMCIA	.800 / .675 / .094	E103
Fujitsu	MB86967	PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		PE-68032	Single Port	F, T, C	F, T	1CT:1	1CT:1	PCMCIA	.800 / .675 / .094	E103
		PE-68030	Single Port	F, T, C	F, T	1CT:1	1CT:1	PCMCIA	.800 / .675 / .094	E103
	MB86951, MB86961, MB86964, MB86965B	23Z356SM	Single Port	T, C	T, C	1CT:1.414CT	1CT:1CT	SMT	.450 / .360 / .215	EC100
		PE-68048	Single Port	T, C	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
		PE-65745	Single Port	T	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
		PE-65745	Single Port	T	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
Intel (Level One)	LXT901A, LXT907A	23Z356SM	Single Port	T, C	T, C	1CT:1.414CT	1CT:1CT	SMT	.450 / .360 / .215	EC100
		PE-68048	Single Port	T, C	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
		PE-65745	Single Port	T	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
	LXT905, LXT908	23Z467SM	Single Port	T, C	T, C	1CT:2CT	1CT:1CT	SMT	.450 / .360 / .215	EC100
		ST4202T	Single Port	T, C	T, C	1CT:2CT	1CT:1CT	SMT	.477 / .360 / .223	ST4202T
	LXT902	FL1020	Single Port	R, F, T, C	R, F, T, C	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1020
		PE-68017S	Single Port	F, T, C	F, T, C	1CT:1	1CT:1	SIL	1.000 / .210 / .450	E104
		SF1012	Single Port	F, T, C	F, T, C	1:1	1:1	SMT	1.010 / .380 / .246	SF1012
		PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		FL1012	Single Port	F, T, C	F, T	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1012
		PE-68056	Single Port	F, T, C	F, T	1CT:1	1CT:1	SMT	.930 / .510 / .230	E115
		PE-68032	Single Port	F, T, C	F, T	1CT:1	1CT:1	PCMCIA	.800 / .675 / .094	E103
		PE-68062L	Quad Port	T, C	T	1CT:1.414CT	1:1	SMT	1.125 / .640 / .230	EC101
	LXT914, LXT915, LXT916, LXT917, LXT918, LXT944	PE-68065L	Quad Port	T	T	1CT:1.414CT	1:1	SMT	1.125 / .640 / .230	EC101
		PE-68810	Quad Port	T	—	—	1:1 (4X)	SMT	.500 / .370 / .200	EC100
		PE-68820	Quad Port	T	—	1:1.414 (4X)	—	SMT	.500 / .370 / .200	EC100
		PE-68820	Quad Port	T	—	1:1.414 (4X)	—	SMT	.500 / .370 / .200	EC100

(continued on next page)

1. Configuration: T = Transformer, F = Low Pass Filter, C = Choke, R = Pre-distortion resistors

2. Turns Ratio is referenced chip side to media side.

3. Package Styles: DIL—Dual-In-Line package, SIL—Single-In-Line package, SMT—Surface Mount Package, PCMCIA—Ultra Low Profile (SMT)

LAN PRODUCTS/IC CROSS REFERENCE



IC CROSS REFERENCE: 10BASE-T MODULES (continued)

IC Manufacturer	IC Part No.	Pulse Part No.	Ports Supported	Configuration ¹		Turns Ratio ²		Package		Data Sheet
				TX	RX	TX	RX	Style ³	L/W/H (in)*	
LSI	L64381 80C24	FL1020	Single Port	R, F, T, C	R, F, T, C	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1020
		E2004	Single Port	R, F, T, C	R, F, T	1CT:1	1CT:1	SMT	1.000 / .500 / .230	E115
		PE-68017S	Single Port	F, T, C	F, T, C	1CT:1	1CT:1	SIL	1.000 / .210 / .450	E104
		SF1012	Single Port	F, T, C	F, T, C	1:1	1:1	SMT	1.010 / .380 / .246	SF1012
		PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		FL1012	Single Port	F, T, C	F, T	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1012
		PE-68056	Single Port	F, T, C	F, T	1CT:1	1CT:1	SMT	.930 / .510 / .230	E115
		PE-68032	Single Port	F, T, C	F, T	1CT:1	1CT:1	PCMCIA	.800 / .675 / .094	E103
Lucent	T7213, T7241A	FL1020	Single Port	R, F, T, C	R, F, T, C	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1020
		PE-68017S	Single Port	F, T, C	F, T, C	1CT:1	1CT:1	SIL	1.000 / .210 / .450	E104
		SF1012	Single Port	F, T, C	F, T, C	1:1	1:1	SMT	1.010 / .380 / .246	SF1012
		PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		FL1012	Single Port	F, T, C	F, T	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1012
		PE-68056	Single Port	F, T, C	F, T	1CT:1	1CT:1	SMT	.930 / .510 / .230	E115
		PE-68032	Single Port	F, T, C	F, T	1CT:1	1CT:1	PCMCIA	.800 / .675 / .094	E103
MicroLinear	ML2652, ML2653, ML4652, ML4658	23Z435	Single Port	T	T	2CT:1CT	1CT:1CT	DIL	.800 / .340 / .250	EC100
		23Z435SM	Single Port	T	T	2CT:1CT	1CT:1CT	SMT	.450 / .360 / .215	EC100
		PE-68052	Single Port	T, C	T	2CT:1CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
Motorola	MC68160	FL1020	Single Port	R, F, T, C	R, F, T, C	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1020
		E2007	Single Port	R, F, T, C	R, F, T	1CT:1	1CT:1	SMT	1.000 / .500 / .230	E115
		PE-68017S	Single Port	F, T, C	F, T, C	1CT:1	1CT:1	SIL	1.000 / .210 / .450	E104
		SF1012	Single Port	F, T, C	F, T, C	1:1	1:1	SMT	1.010 / .380 / .246	SF1012
		PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		FL1012	Single Port	F, T, C	F, T	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1012
		PE-68056	Single Port	F, T, C	F, T	1CT:1	1CT:1	SMT	.930 / .510 / .230	E115
		PE-68032	Single Port	F, T, C	F, T	1CT:1	1CT:1	PCMCIA	.800 / .675 / .094	E103
National Semiconductor	DP83901A DP83902A, DP83902 DP83905, DP83934	FL1020	Single Port	R, F, T, C	R, F, T, C	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1020
		E2001	Single Port	R, F, T, C	R, F, T	1CT:1	1CT:1	SMT	1.000 / .500 / .230	E115
		PE-68017S	Single Port	F, T, C	F, T, C	1CT:1	1CT:1	SIL	1.000 / .210 / .450	E104
		SF1012	Single Port	F, T, C	F, T, C	1:1	1:1	SMT	1.010 / .380 / .246	SF1012
		PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		FL1012	Single Port	F, T, C	F, T	1CT:1CT	1CT:1CT	DIL	1.000 / .400 / .338	FL1012
		PE-68056	Single Port	F, T, C	F, T	1CT:1	1CT:1	SMT	.930 / .510 / .230	E115
		PE-68032	Single Port	F, T, C	F, T	1CT:1	1CT:1	PCMCIA	.800 / .675 / .094	E103
	DP83907, DP83924A	E5002	Quad Port	T, C	T, C	1CT:2CT	1:1	SMT	1.125 / .640 / .230	E116
		23Z467SM	Single Port	T, C	T, C	1CT:2CT	1CT:1CT	SMT	.450 / .360 / .215	EC100
		ST4202T	Single Port	T, C	T, C	1CT:2CT	1CT:1CT	SMT	.447 / .360 / .223	ST4202T
Realtek	RTL8301 RTL8019AS RTL8029AS RTL8301	PE-68049L	Quad Port	T, C	T	1CT:1CT	1:1	SMT	1.125 / .640 / .230	EC101
		PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		PE-68049L	Quad Port	T, C	T	1CT:1CT	1:1	SMT	1.125 / .640 / .230	EC101
SMSC	LAN91C46 LAN91C91 LAN91C96	PE-68026	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		EX2001	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930/.510/.230	E112
		PE-68056	Single Port	F, T, C	F, T	1CT:1CT	1CT:1CT	SMT	.930 / .510 / .230	E115
		EX2001	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930/.510/.230	E112
		E2009	Single Port	F, T, C	F, T	1CT:1.414	1CT:1	SMT	1.000 / .500 / .230	E115
	LAN91C111	EX2001	Single Port	F, T, C	F, T, C	1CT:1CT	1CT:1CT	SMT	.930/.510/.230	E112
Texas Instruments	TNETE100A	23Z356SM	Single Port	T, C	T, C	1CT:1.414CT	1CT:1CT	SMT	.450 / .360 / .215	EC100
		PE-65745	Single Port	T	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
		PE-68048	Single Port	T, C	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
	TNETE2004	PE-68062L	Quad Port	T, C	T	1CT:1.414CT	1:1	SMT	1.125 / .640 / .230	EC101
		PE-68065L	Quad Port	T	T	1CT:1.414CT	1:1	SMT	1.125 / .640 / .230	EC101
		23Z356SM	Single Port	T, C	T, C	1CT:1.414CT	1CT:1CT	SMT	.450 / .360 / .215	EC100
		PE-65745	Single Port	T	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
		PE-68048	Single Port	T, C	T	1CT:1.414CT	1CT:1CT	SMT	.500 / .370 / .200	EC100
	TNETE2008	PE-68049L	Quad Port	T, C	T	1CT:1CT	1:1	SMT	1.125 / .640 / .230	EC101
		E5008	Quad Port	T, C	T	1CT:1CT	1:1	SMT	1.125 / .640 / .230	E117

1. Configuration: T = Transformer, F = Low Pass Filter, C = Choke, R = Pre-distortion resistors

2. Turns Ratio is referenced chip side to media side.

3. Package Styles: DIL—Dual-In-Line package, SIL—Single-In-Line package, SMT—Surface Mount Package, PCMCIA—Ultra Low Profile (SMT)

NOTE: ICs are in groups, Each group works with all adjacent Pulse parts.

*L/W/H is measured on surface mount parts tip to tip (height includes wash area).

LAN PRODUCTS/IC CROSS REFERENCE



IC CROSS REFERENCE: ATM NETWORK COMPONENTS

Speed	IC Manufacturer/ IC Part Number	Pulse Part No.	Ports Supported	Configuration ¹		Turns Ratio ²		Package		Data Sheet
				TX	RX	TX	RX	Style ³	L/W/H (in)*	
155 ATM	National / 83223	PE-68517L	Single Port	C, T, C, S	C, T	1CT:1CT	1CT:1CT	SMT	1.000 / .510 / .370	H303
	MicroLinear / ML6674	PE-68515L	Single Port	T, C, S	C, T	1CT:1CT	1CT:1CT	SMT	1.000 / .510 / .370	H303
	PMC Sierra / PM5350	H1019	Single Port	C, T, C, S	C, T	1CT:1CT	1CT:1CT	SMT	1.000 / .510 / .230	H303
		H1012	Single Port	T, C, S	C, T	1CT:1CT	1CT:1CT	SMT	1.000 / .510 / .230	H303
		H1027	Dual Port	C, T, C, S	C, T	1CT:1CT	1CT:1CT	SMT	1.125 / .640 / .230	H322
		H1028	Dual Port	T, C, S	C, T	1CT:1CT	1CT:1CT	SMT	1.125 / .640 / .230	H322
		H1049	Dual Port	T, C, S	C, T	1CT:1CT	1CT:1CT	SMT	1.125 / .640 / .230	H322
		H1036L	Quad Port	T, C	C, T	1CT:1	1CT:1CT	SMT	1.125 / .640 / .230	H316
		H1044	Quad Port	T, C	C, T	1CT:1	1CT:1CT	SMT	1.125 / .640 / .230	H316

1. Configuration: T = Transformer, C = Choke, S = Shunt Inductor

2. Turns Ratio is referenced chip side to media side.

3. Package Style: SMT – Surface Mount Package

NOTE: ICs are in groups, Each group works with all adjacent Pulse parts.

*L/W/H is measured on surface mount parts tip to tip (height includes wash area).

COMMON MODE CHOKES

COMMON MODE CHOKES FOR LAN & TELECOM APPLICATIONS

Part Number	Number of Lines	Inductance OCL (µH MIN)	Package L/W/H (in.)*	Data Sheet	Part Number	Number of Lines	Inductance OCL (µH MIN)	Package L/W/H (in.)*	Data Sheet
PE-65944	2	24	.500 / .350 / .250	G002	PE-65950	4	4700 ±30%	.558 / .558 / .400	G002
23Z107	2	68	.340 / .230 / .250	G002	PE-65541	4	6000	.558 / .558 / .400	G002
PE-67531	2	140	.400 / .200 / .350	G002	PE-68613	4	3290	.505 / .400 / .500	G002
B2005	2	9000	.500 / .400 / .630	G002	PE-65857	4	22.5	.600 / .475 / .340	G002
PE-68624 ¹	2	47	.360 / .260 / .098	G002	PE-68627	4	24	.355 / .345 / .207	G002
PE-65855	2	4700	.400 / .345 / .250	G002	T8003	4	33	.450 / .360 / .215	G002
B2013	2	6300	.600 / .475 / .340	G002	23Z4000SMD	4	36	.600 / .500 / .270	G002
T8055	2	4700	.290 / .240 / .150	G002	PE-65738	4	37	.500 / .370 / .200	G002
B4003	2	4700	.355 / .345 / .300	G002	PE-65854	4	47	.360 / .340 / .098	G002
23Z87	3	69	.340 / .300 / .250	G002	23Z104SM	4	68	.360 / .230 / .215	G002
R0003	3	20	.360 / .260 / .098	G002	PE-67540	4	100	.600 / .475 / .340	G002
23Z87SM	3	69	.360 / .230 / .215	G002	PE-65853	4	4700	.720 / .550 / .390	G002
PE-65554	4	24	.595 / .480 / .300	G002	PE-64683	6	25	.685 / .480 / .300	G002
42Z4000	4	36	.500 / .400 / .250	G002	23Z106	6	85	.800 / .340 / .250	G002
PE-67501	4	50	.500 / .500 / .375	G002	PE-68602	6	21	.500 / .370 / .200	G002
PE-68002	4	68	.400 / .400 / .300	G002	23Z106SM	6	68	.450 / .360 / .215	G002
23Z104	4	85	.450 / .340 / .250	G002	PE-69011	8	36	.500 / .370 / .200	G002
PE-67539	4	140	.500 / .500 / .375	G002	23Z105SM	8	68	.450 / .360 / .215	G002
PE-65542	4	1000	.558 / .558 / .400	G002	23Z109SM ³	10	7.5	.600 / .420 / .215	G002
PT5039	4	3600	.502 / .431 / .520	G002	T8008	16	47	1.125 / .640 / .230	G002
J0010D11 ²	4	—	.850 / .630 / .535	G002					

1. PCMCIA package (SMT)

2. RJ45 Filtered Connector with integrated choke.

3. 100 kHz, IV

*L/W/H is measured on surface mount parts tip to tip (height includes wash area).

SMT - Surface Mount Package THT - Through Hole Package