

T1/E1

Interface Modules

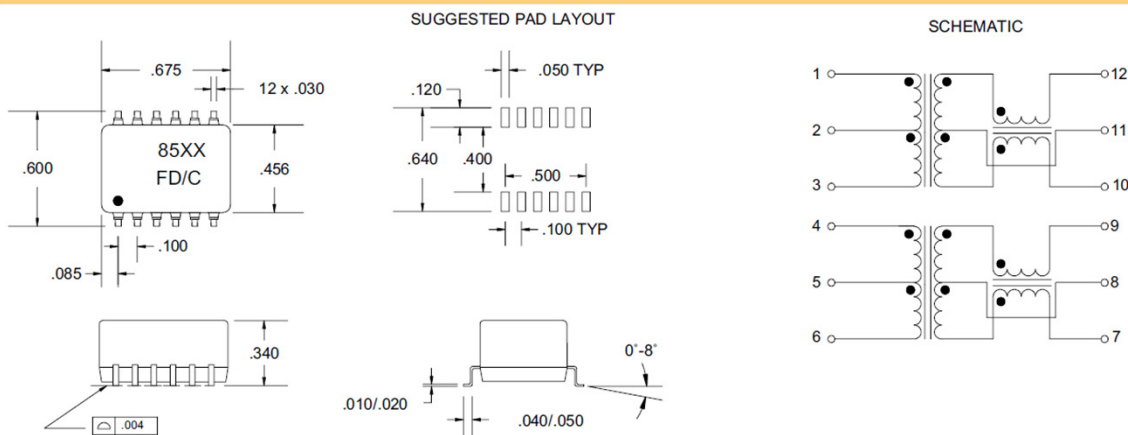
8514-8527

Units matched to leading transceiver IC's. Meets requirements for T1, E1, CEPT and PRI ISDN interface applications over an extended temperature range of -40°C to +85°C.

IC MFG.	IC P/N	8527	IC MFG.	IC P/N	8527
CONEXANT	BT810	8527	LEVEL ONE	LXT 900, LXT 904A, LXT 905A, LXT 907	8527
	R8069, R8069A, R8069B	8527		LXT 904A, LXT 905A	8525
	BT8970, BT897 5, BT8976	8515		LXT 904A, LXT 905A	8521
CRYSTAL	61535A, 61574A, 61575, 61304A, 61305A	8525	LXT 904A, LXT 905A	8524	
	61535A, 61574A, 61575, 61304A, 61305A	8521	LXT 904A, LXT 905A	8517	
	61535A, 61574A, 61575, 61304A, 61305A	8524	LXT 310A11/317A18/319	8521	
	61574, 61577	8527	LXT 331, LXT 335	8521	
	61581, 61518, 61310	8521	LXT 331, LXT 334	8520	
	61584, 61584A	8527	LXT 331, LXT 332	8525	
	61584, 61582, 61585	8522	LXT 331, LXT 332	8527	
	61681	8525	LXT 331, LXT 332, LXT 331, LXT 360	8517	
	D821Q352 / 54, D821Q532 / 54	8521	LXT 330/31/360/661/370	8521	
	D821Q352 / 54, D821Q532 / 54	8515	LXT 380, LXT 381	8521	
DALLAS	D821332, D821354	8521	LXT 384, LXT 386, LXT 388	8527	
	D82148, Q48	8515	LUCENT	T7288	8526
	D82148, Q48	8521	T7289	8525	
	D82151, D82152, D82153, D82154, 532, 534	8515	T7290A	8526	
	D82151, D82152, D82153, D82154, 532, 534	8520	T7688, T7698	8519	
	D82186, D82187	8526	T7689, T7698	8522	
	96L22, 56L65, C240, C260, C262, C277, 99291	8527	T7690	8522	
	T5620, T5630, T567 5, T5681, T5683	8527	T7690	8519	
	T5791, T5794, T5795, T5894, T5897, T5997	8527	T7693	8516	
	T5793	8524	T7693	8527	
EXAR	T7288, T5664	8526	PMC-SIERRA	PM44341, PM6341	8526
	FEB 2233, FEB 2233A1, FEB2233B1	8516	PM44351	8516	
	FEB 2234, FEB 2235	8516	VP14Q374	8525	
	FEB 22304, FEB 22354	8514	VP14Q374	8524	
INFINEON			VLSI		



MECHANICAL AND SCHEMATIC (All dimensions in inches)



ELECTRICAL SPECIFICATIONS @ 25°C

Part Number	Turns Ratio (Pri:Sec±2%)	Secondary L (@ 25°C (mH MIN)	LL (μH MAX)	Cw/w (pF MAX)	DCR Pri (Ω MAX)	Primary Pins
8514	1CT:1CT & 1CT:2.4CT	1.20	.60	35	.90	1-3, 4-6
8515	1CT:1CT & 1CT:1.36CT	1.20	.60	35	.90	1-3, 4-6
8516	1CT:2.42CT & 1CT:2.42CT	1.20	.60	25	.60	1-3, 4-6
8517	1CT:2.3CT & 1CT:2CT	1.20	.60	25	.60	1-3, 4-6
8518	1CT:1.41CT & 1CT:1.41CT	1.20	.60	30	.70	1-3, 4-6
8519	1CT:1.36CT & 1CT:1.36CT	1.20	.60	30	.80	1-3, 4-6
8520	1CT:1.15CT & 1CT:1CT	1.20	.60	35	.90	1-3, 4-6
8521	1CT:1CT & 1CT:2CT	1.20	.60	35	.90	1-3, 4-6
8522	1CT:1.15CT & 1CT:1.15CT	1.20	.60	35	.80	1-3, 4-6
8523	1CT:1CT & 1CT:1CT	1.20	.60	35	.90	1-3, 4-6
8524	1CT:1.26CT & 1CT:2CT	1.20	.60	30	.80	1-3, 4-6
8525	1:1.15CT & 1CT:2CT	1.20	.60	35	.80	1-3, 4-6
8526	1CT:2CT & 1:1.36CT	1.20	.60	30	.70	1-3, 4-6
8527	1CT:2CT & 1CT:2CT	1.20	.60	25	.60	1-3, 4-6