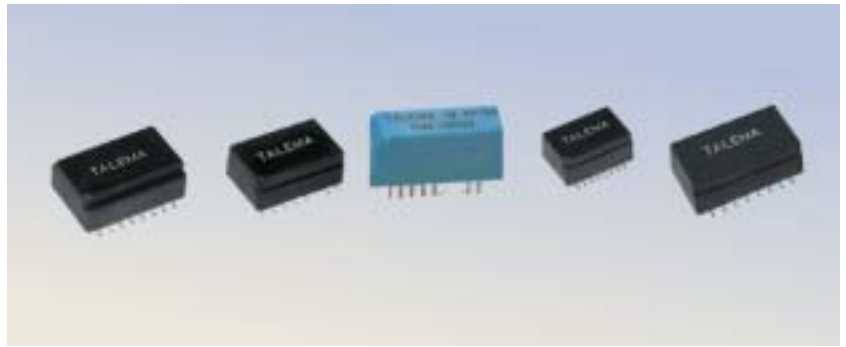


IC - S₀ Interface Module Selection Guide

Talema manufactures a wide range of signal transformers for all S₀ ISDN applications. Space saving modules, available in through hole and surface mount packages, offer a cost effective alternative to individual transformers and chokes and are compatible with all common IC's. A complete listing of transceiver IC's with recommended Talema transformer modules is listed on the following cross reference chart.



Performance has been proven in the many design-in's of our products in these applications. Quality and consistency is guaranteed through 100% testing of the specified parameters for Primary Inductance, Leakage Inductance, Turns Ratio, DC resistance and Interwinding Capacitance. This ensures that the Return Loss and Pulse Waveshape requirements for S-Interface can be met. Additionally, all parts are tested for 1500V minimum isolation.

Standard Packaging: SMD styles - Tape and Reel; TH styles - Anti Static tubes.

ISDN IC - S₀ Interface Module Cross Reference Guide

IC Manufacturer	IC Part Number	Talema Part Number				
		Vertical Mount DIL		Surface Mount		
		IEC 950 Approved	Standard	IEC 950 Reinforced Insulation	Standard/ Compact	Miniature
Alcatel Micro	MTC20276, MTC20277, MTC202172	HVM-120A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
Cologne Chip	HFC-Sxxx Series	HVM140C1	ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
Legerity (AMD)	AM79C30A, AM79C32A	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
Lucent	T7234, T7250, T7254, T7256, T7259	HVM-130C1	ISM-130C1	MHJ-230B1	MSJ-405A MAJ-405A	MUJ-105A
	T7901, T7903	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
Mietec	MTC-2072	HVM-120A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
Mitel	MT8930, MT8931	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
Motorola	MC145474, MC145475	HVM-100C1	ISM-100C1	MHJ-200B1	MSJ-400A MAJ-400A	MUJ-100A
	MC145574	HVM-130C1	ISM-130C1	MHJ-230B1	MSJ-405A MAJ-405A	MUJ-105A
National	TP3420, TP3421	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
NEC	D98201	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
SGS	ST5420, ST5421	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
Infineon	PEB2080, 2082, 2084, 2085, 2086 PSB2115, PSB2116	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
	PEB8090, 8091, 8190, 8191 PEB21381(5V), PEB21383(5V)	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
	PSB21381(3.3V), PSB21382, PSB21384 PSB21283(3.3V), PEB3086, PSB31864	HVM-100C1	ISM-100C1	MHJ-200B1	MSJ-400A MAJ-400A	MUJ-100A
VLSI	VNS8000	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A
Yamaha	YN7405	HVM-201A1 HVM-140C1	ISM-120A1 ISM-140C1	MHJ-240B1	MSJ-403A MAJ-403A	MUJ-103A