



Interface ICs

Part Number	Function	Key Features	Package	Source
IrDA Data Transmission (for available products, see IrDA Components section)				
IrDA modules	115 kb/s and 4 Mb/s IR data transmission modul	(see Opto section)	Special	HN
U2532B-FP	IR transmitter receiver IC	Data rates up to 115.2 kbit/s, compatible to IrDA	SO16	HN
TOIM3000	Interface IC, IrDA module TFDS3000 to UART	Pulse-shaping function, 3 V and 5 V operating with low current consumption	SO16	HN
TOIM3232	Interface IC, IrDA module TFDS3000 to RS232	Pulse-shaping function, 3 V and 5 V operating with low current consumption, programmable baud clock generator (600 ~ 115 kHz), 14 baud rates	SO16	HN
TSS4550	UART-integrated interface circuit	UART with bi-directional FIFO, 50 to 115 Kbaud, 2 modem-compatible ports	TQFP64	NT
Data Communication ICs				
U6791B-FP	Impedance amplifier	IC kit for data rates up to 200 Mbps	SO8	HN
U6792B-FP	Data regenerator		SO16	HN
U6795B-FP	Driver		SO16	HN
Customer-specific ASICs (see ASIC section)	DDS (Digital Data Subscriber) transceiver	Data communications	Various	SW
Network Interface				
29C94	Multi-channel HDLC/V120 protocol controller	Up to 23/30 B-channels	PLCC68	NT
29C948	8-channel HDLC/V120 protocol controller		PLCC68	NT
29C95	Multi-channel ECMA 102/V110 protocol controller	Up to 23/30 B-channels	PLCC68	NT
29C96	T1-DS/E1-CEPT frame formatter	Both standards & 4 PCM	PLCC68	NT
29C98	B-channel synchronizer, E1/T1	Group delay compensation (bonding group compliant)	PQFP100	NT
29C93A	Terminal adapter	V 110, up to 112 Kbps, NIC, IPE	PQFP44	NT
29C300/301	T1/E1 integrated short haul transceiver	With receive jitter attenuation	Various	NT
29C304A	Low-power T1/E1 integrated short haul transceiver	With receive jitter attenuation	Various	NT
29C305A	Low-power T1/E1 integrated short haul transceiver	With receive jitter attenuation	Various	NT
29C310	T1 CSU / ISDN PRI transceiver		Various	NT
29C318	E1 NIU / ISDN PRI transceiver		Various	NT
29C921	X 21 controller	CCITT X 21 up to 2 Mbps	PQFP44	NT

For other network ICs, see Computer section.