

Multi-channel Transceiver



ASTRX1 is a low cost, System-on-Chip (SoC), multi-channel transceiver. Offering two-way communications at burst data rates of up to 40 kbps over short ranges, the ASTRX1 transceiver is suited for wireless data applications. The multi-channel transceiver features frequency range options of 868 - 870 and 902 - 928 MHz. The ASTRX1 zero-IF design with receiver sensitivity of -95 dBm and single antenna will provide wireless communications over distances of up to 100 meters at transmitted power of 0 dBm. The transceiver operates from a 3.0 V ± 0.3 supply. Transmit and receive current consumption at 3.0 V is less than 25 mA and 36 mA respectively. The transceiver is suitable for use in temperatures ranging from -40°C to $+85^{\circ}\text{C}$.

www.amis.com; (208) 234-6890

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<http://www.wirelessdesignmag.com/product-releases/2003/05/multi-channel-transceiver>