

TEXAS INSTRUMENTS Analog ICs



Products may be RoHS compliant.
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CAN

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | TI Part No. | Package | Drivers Per Package | Receivers Per Package | Supply Voltage | Transient Pulse Protection | ICC (Max) (mA) | Price Each | | | |
|----------------------|------------------|---------|---------------------|-----------------------|----------------|----------------------------|----------------|------------|------|------|------|
| | | | | | | | | 1 | 25 | 100 | 250 |
| 595-SN65HVD230D | SN65HVD230D | SOIC-8 | 1 | 1 | 3.3 | -25 to 25 | 17 | 4.13 | 3.30 | 2.64 | 2.20 |
| 595-SN65HVD230QDG4Q1 | SN65HVD230QDG4Q1 | SOIC-8 | 1 | 1 | 3.3 | -25 to 25 | 17 | 4.42 | 3.55 | 3.24 | 2.92 |
| 595-SN65HVD231D | SN65HVD231D | SOIC-8 | 1 | 1 | 3.3 | -25 to 25 | 17 | 4.13 | 3.30 | 2.64 | 2.20 |
| 595-SN65HVD232D | SN65HVD232D | SOIC-8 | 1 | 1 | 3.3 | -25 to 25 | 17 | 3.32 | 2.66 | 2.43 | 2.19 |
| 595-SN65HVD232QDRQ1 | SN65HVD232QDRQ1 | SOIC-8 | 1 | 1 | 3.3 | -25 to 25 | 17 | 4.44 | 3.63 | 3.26 | 2.96 |
| 595-SN65HVD233D | SN65HVD233D | SOIC-8 | 1 | 1 | 3.3 | -100 to 100 | 6 | 4.56 | 3.66 | 3.34 | 3.01 |
| 595-SN65HVD234D | SN65HVD234D | SOIC-8 | 1 | 1 | 3.3 | -100 to 100 | 6 | 4.00 | 3.20 | 2.56 | 2.13 |
| 595-SN65HVD1040D | SN65HVD1040D | SOIC-8 | 1 | 1 | 5 | -200 to 200 | 70 | 2.33 | 1.87 | 1.68 | 1.50 |
| 595-SN65HVD1050D | SN65HVD1050D | SOIC-8 | 1 | 1 | 5 | -200 to 200 | 70 | 1.71 | 1.37 | 1.23 | 1.10 |
| 595-SN65HVD251D | SN65HVD251D | SOIC-8 | 1 | 1 | 5 | -200 to 200 | 65 | 2.63 | 2.10 | 1.68 | 1.40 |
| 595-SN65HVD251P | SN65HVD251P | PDIP-8 | 1 | 1 | 5 | -200 to 200 | 65 | 2.90 | 2.36 | 2.12 | 1.92 |
| 595-SN65HVD252D | SN65HVD252D | SOIC-8 | 1 | 1 | 5 | -200 to 200 | 80 | 3.00 | 2.50 | 2.00 | 1.40 |
| 595-SN65HVD253D | SN65HVD253D | SOIC-8 | 1 | 1 | 5 | -200 to 200 | 80 | 3.00 | 2.50 | 2.00 | 1.40 |

ISOLATOR EVALUATION MODULES

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | TI Part No. | Description | Price Each |
|------------------|-------------|---|------------|
| 595-ISO3086TEVM | ISO3086TEVM | Evaluation module for the ISO3086T, a RS-485 Transceiver with integrated transformer driver | 55.80 |
| 595-ISO35TEVM | ISO35TEVM | Evaluation module for the ISO35T, a RS-485 Transceiver with integrated transformer driver | 55.80 |

ISOLATORS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | TI Part No. | Package | No. of Channels | Channel Config. | Insulation Rating (VRMS) | Supply Volt | Datarate (Mbps) | Input Noise Filter | Prop Delay (Max) (ns) | TTL/CMOS Input Threshold | Price Each | | | |
|------------------|--------------|---------|-----------------|-----------------|--------------------------|-------------|-----------------|--------------------|-----------------------|--------------------------|------------|------|------|------|
| | | | | | | | | | | | 1 | 25 | 100 | 250 |
| 595-ISO721D | ISO721D | SOIC-8 | 1 | 1/0 | 2500 | 3.3,5 | 100 | Yes | 24 | TTL | 3.81 | 3.66 | 2.85 | 2.57 |
| 595-ISO721MD | ISO721MD | SOIC-8 | 1 | 1/0 | 2500 | 3.3,5 | 150 | None | 16 | CMOS | 3.92 | 3.77 | 2.93 | 2.64 |
| 595-ISO722MDR | ISO722MDR | SOIC-8 | 1 | 1/0 | 2500 | 3.3,5 | 150 | None | 16 | CMOS | 4.00 | 3.13 | 2.43 | 2.20 |
| 595-ISO1176TDW | ISO1176TDW | SOIC-16 | 1 | RS-485 | 2500 | 5 | 40 | None | 35 | TTL | 9.13 | 7.48 | 6.75 | 6.20 |
| 595-ISO7220AD | ISO7220AD | SOIC-8 | 2 | 1/0 | 2500 | 3.3,5 | 1 | Yes | 475 | TTL | 2.85 | 2.30 | 2.04 | 1.85 |
| 595-ISO7220CD | ISO7220CD | SOIC-8 | 2 | 1/0 | 2500 | 3.3,5 | 25 | Yes | 42 | TTL | 3.26 | 3.13 | 2.43 | 2.20 |
| 595-ISO7221AD | ISO7221AD | SOIC-8 | 2 | 1/1 | 2500 | 3.3,5 | 1 | Yes | 475 | TTL | 2.85 | 2.30 | 2.07 | 1.85 |
| 595-ISO7221CD | ISO7221CD | SOIC-8 | 2 | 1/1 | 2500 | 3.3,5 | 25 | Yes | 42 | TTL | 3.63 | 2.90 | 2.32 | 1.93 |
| 595-ISO7221CDR | ISO7221CDR | SOIC-8 | 2 | 1/1 | 2500 | 3.3,5 | 25 | Yes | 42 | TTL/CMOS | 3.31 | 2.59 | 2.01 | 1.63 |
| 595-ISO7221MD | ISO7221MD | SOIC-8 | 2 | 1/1 | 2500 | 3.3,5 | 150 | None | 16 | CMOS | 3.30 | 2.98 | 2.66 | 2.14 |
| 595-ISO7420FED | ISO7420FED | SOIC-8 | 2 | 2/0 | 2500 | 3.3,5 | 50 | No | 11 | TTL | 5.32 | 4.27 | 3.89 | 3.51 |
| 595-ISO7520CDWR | ISO7520CDWR | SOIC-16 | 2 | 2/0 | 5000 | 3.3,5 | 1 | No | 14 | TTL | 4.25 | 3.40 | 2.72 | 2.27 |
| 595-ISO7521CDWR | ISO7521CDWR | SOIC-16 | 2 | 2/1 | 5000 | 3.3,5 | 1 | No | 14 | TTL | 4.25 | 3.40 | 2.72 | 2.27 |
| 595-ISO7230ADW | ISO7230ADW | SOIC-16 | 3 | 3/0 | 2500 | 3.3,5 | 1 | Yes | 70 | TTL | 3.81 | 3.66 | 2.85 | 2.57 |
| 595-ISO7230CDW | ISO7230CDW | SOIC-16 | 3 | 3/0 | 2500 | 3.3,5 | 25 | Yes | 30 | TTL | 4.40 | 4.22 | 3.55 | 3.28 |
| 595-ISO7230MDW | ISO7230MDW | SOIC-16 | 3 | 3/0 | 2500 | 3.3,5 | 150 | None | 16 | CMOS | 6.64 | 5.18 | 4.36 | 4.03 |
| 595-ISO7240ADW | ISO7240ADW | SOIC-16 | 4 | 4/0 | 2500 | 3.3,5 | 1 | Yes | 70 | TTL | 5.15 | 4.96 | 3.85 | 3.49 |
| 595-ISO7240CDW | ISO7240CDW | SOIC-16 | 4 | 4/0 | 2500 | 3.3,5 | 25 | Yes | 30 | TTL | 5.40 | 5.18 | 4.36 | 4.03 |
| 595-ISO7240CFDWR | ISO7240CFDWR | SOIC-16 | 4 | 4/0 | 2500 | 3.3,5 | 25 | Yes | 46 | TTL | 5.53 | 4.32 | 3.64 | 3.36 |

LVDS PHYS <800MBPS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | TI Part No. | Package | Supply Voltage | ICC (Max) (mA) | Signaling Rate (Mbps) | No. of Tx | Tx tpd (Typ.) (ns) | No. of Rx | Rx tpd (Typ.) (ns) | Input Signal | Output Signal | Price Each | | | |
|----------------------|------------------|----------|----------------|----------------|-----------------------|-----------|--------------------|-----------|--------------------|--|---------------|------------|------|------|------|
| | | | | | | | | | | | | 1 | 25 | 100 | 250 |
| 595-SN65LVDS1050PW | SN65LVDS1050PW | TSSOP-16 | 3.3 | 20 | 400 | 2 | 1.7 | 2 | 3.7 | LVDS, LVTTTL | LVDS, LVTTTL | 3.79 | 3.63 | 2.82 | 2.57 |
| 595-SN65LVDS2DBVR | SN65LVDS2DBVR | SOT-23-5 | 2.7 | 7 | 400 | - | - | 1 | 2.6 | LVDS | LVTTTL | 1.45 | 1.25 | 1.04 | .621 |
| 595-SN65LVDS2DBVT | SN65LVDS2DBVT | SOT-23-5 | 3.3 | 7 | 400 | - | - | 1 | 2.6 | LVDS | LVTTTL | 1.23 | .99 | .748 | .698 |
| 595-SN65LVDT2DBVR | SN65LVDT2DBVR | SOT-23-5 | 3.3 | 7 | 400 | - | - | 1 | 2.6 | LVDS | LVTTTL | 1.55 | 1.22 | 1.10 | .961 |
| 595-SN65LVDT2DBVT | SN65LVDT2DBVT | SOT-23-5 | 3.3 | 7 | 400 | - | - | 1 | 2.6 | LVDS | LVTTTL | 1.23 | .99 | .748 | .698 |
| 595-SN65LVDS1DBVR | SN65LVDS1DBVR | SOT-23-5 | 3.3 | 8 | 630 | 1 | 1.7 | - | - | LVTTTL | LVDS | 1.45 | 1.25 | 1.04 | .621 |
| 595-SN65LVDS1DBVT | SN65LVDS1DBVT | SOT-23-5 | 3.3 | 8 | 630 | 1 | 1.7 | - | - | LVTTTL | LVDS | 1.23 | .99 | .748 | .698 |
| 595-SN65LVDS9637D | SN65LVDS9637D | SOIC-8 | 3.3 | 10 | 150 | - | - | 2 | 2.1 | LVDS | LVTTTL | 2.52 | 2.10 | 1.68 | 1.18 |
| 595-SN65LVDS179D | SN65LVDS179D | SOIC-8 | 3.3 | 12 | 400TX/150RX | 1 | 1.7 | 1 | 3.7 | LVDS, LVTTTL | LVDS, LVTTTL | 3.15 | 2.52 | 2.02 | 1.68 |
| 595-SN65LVDS179DGK | SN65LVDS179DGK | MSOP-8 | 3.3 | 12 | 400TX/150RX | 1 | 1.7 | 1 | 3.7 | LVDS, LVTTTL | LVDS, LVTTTL | 3.15 | 2.52 | 2.02 | 1.68 |
| 595-SN65LVDS9638D | SN65LVDS9638D | SOIC-8 | 3.3 | 13 | 400 | 2 | 1.7 | - | - | LVTTTL | LVDS | 2.52 | 2.10 | 1.68 | 1.18 |
| 595-SN65LVDS9638DGKR | SN65LVDS9638DGKR | MSOP-8 | 3.3 | 13 | 150 | 2 | 1.7 | - | - | LVTTTL | LVDS | 2.01 | 1.68 | 1.34 | .938 |
| 595-SN65LVDS32D | SN65LVDS32D | SOIC-16 | 3.3 | 18 | 100 | - | - | 4 | 2.1 | LVDS | LVTTTL | 3.05 | 2.44 | 1.96 | 1.63 |
| 595-SN65LVDS3486D | SN65LVDS3486D | SOIC-16 | 3.3 | 18 | 100 | - | - | 4 | 2.1 | LVDS | LVTTTL | 3.05 | 2.44 | 1.96 | 1.63 |
| 595-SN65LVDT390PW | SN65LVDT390PW | TSSOP-16 | 3.3 | 18 | 630 | - | - | 4 | 2.5 | LVDS | LVTTTL | 3.58 | 2.86 | 2.29 | 1.91 |
| 595-SN65LVDS349PW | SN65LVDS349PW | TSSOP-16 | 3.3 | 20 | 560 | - | - | 4 | 4 | CMOS, ECL, LVCMOS, LVDS, LVECL, LVPECL, PECL | LVTTTL | 12.38 | 8.91 | 7.43 | 6.44 |
| 595-SN65LVDS047D | SN65LVDS047D | SOIC-16 | 3.3 | 26 | 400 | 4 | 1.8 | - | - | LVTTTL | LVDS | 3.05 | 2.44 | 1.96 | 1.63 |
| 595-SN65LVDS047PW | SN65LVDS047PW | TSSOP-16 | 3.3 | 26 | 400 | 4 | 1.8 | - | - | LVTTTL | LVDS | 3.05 | 2.44 | 1.96 | 1.63 |
| 595-SN65LVDS391D | SN65LVDS391D | SOIC-16 | 3.3 | 26 | 630 | 4 | 1.7 | - | - | LVTTTL | LVDS | 3.05 | 2.44 | 1.96 | 1.63 |
| 595-SN65LVDS391PW | SN65LVDS391PW | TSSOP-16 | 3.3 | 26 | 630 | 4 | 1.7 | - | - | LVTTTL | LVDS | 3.05 | 2.44 | 1.96 | 1.63 |
| 595-SN65LVDS049PW | SN65LVDS049PW | TSSOP-16 | 3.3 | 35 | 400 | 2 | 1.3 | 2 | 1.9 | LVDS, LVTTTL | LVDS, LVTTTL | 2.30 | 2.20 | 1.65 | 1.46 |
| 595-SN65LVDS31D | SN65LVDS31D | SOIC-16 | 3.3 | 35 | 400 | 4 | 1.7 | - | - | LVTTTL | LVDS | 3.05 | 2.44 | 1.96 | 1.63 |
| 595-SN65LVDS31PW | SN65LVDS31PW | TSSOP-16 | 3.3 | 35 | 400 | 4 | 1.7 | - | - | LVTTTL | LVDS | 3.05 | 2.44 | 1.96 | 1.63 |
| 595-SN65LVDT388ADBT | SN65LVDT388ADBT | SM8-38 | 3.3 | 40 | 630 | - | - | 8 | 2.5 | LVDS | LVTTTL | 5.35 | 4.28 | 3.43 | 2.85 |
| 595-SN65LVDS389DBT | SN65LVDS389DBT | SM8-38 | 3.3 | 70 | 630 | 8 | 1.7 | - | - | LVTTTL | LVDS | 5.05 | 4.04 | 3.24 | 2.69 |
| 595-SN65LVDS387DGG | SN65LVDS387DGG | TSSOP-64 | 3.3 | 95 | 630 | 16 | 1.7 | - | - | LVTTTL | LVDS | 11.35 | 8.18 | 6.81 | 5.91 |
| 595-SN65LVPE501RGET | SN65LVPE501RGET | VQFN-24 | 3.3 | 120 | 5000 | 2 | - | 2 | - | PCI Express | PCI Express | 11.50 | 8.28 | 6.90 | 5.98 |
| 595-SN65LVPE502RGET | SN65LVPE502RGET | VQFN-24 | 3.3 | 120 | 5000 | 2 | - | 2 | - | USB 3.0 | USB 3.0 | 12.25 | 8.82 | 7.35 | 6.37 |

M-LVDS PHYS <500MBPS

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | TI Part No. | Package | Supply Voltage | ICC (Max) (mA) | Signaling Rate (Mbps) | No. of Tx | Tx tpd (Typ.) (ns) | No. of Rx | Rx tpd (Typ.) (ns) | Input Signal | Price Each | | | | |
|---------------------|-----------------|----------|----------------|----------------|-----------------------|-----------|--------------------|-----------|--------------------|----------------|----------------|-------|------|------|------|
| | | | | | | | | | | | 1 | 25 | 100 | 250 | |
| 595-SN65LVDM180D | SN65LVDM180D | SOIC-14 | 3.3 | 13 | 500TX/150RX | 1 | 1.7 | 1 | 3.7 | LVDM, LVTTTL | LVDM, LVTTTL | 3.32 | 2.59 | 2.01 | 1.83 |
| 595-SN65LVDM180PW | SN65LVDM180PW | TSSOP-14 | 3.3 | 13 | 500TX/150RX | 1 | 1.7 | 1 | 3.7 | LVDM, LVTTTL | LVDM, LVTTTL | 3.34 | 2.61 | 2.02 | 1.83 |
| 595-SN65LVDM176DGK | SN65LVDM176DGK | MSOP-8 | 3.3 | 15 | 400 | 1 | 1.7 | 1 | 3.7 | LVDM, LVTTTL | LVDM, LVTTTL | 3.78 | 3.02 | 2.42 | 2.01 |
| 595-SN65MLVD048RGZT | SN65MLVD048RGZT | QFN-48 | 3.3 | 25 | 250 | 0 | - | 4 | 6 | M-LVDS | M-LVDS | 5.75 | 4.60 | 3.68 | 3.06 |
| 595-SN65MLVD200AD | SN65MLVD200AD | SOIC-8 | 3.3 | 24 | 100 | 1 | 2.5 | 1 | 3.6 | LVTTTL, M-LVDS | LVTTTL, M-LVDS | 3.35 | 2.68 | 2.15 | 1.79 |
| 595-SN65MLVD204AD | SN65MLVD204AD | SOIC-8 | 3.3 | 24 | 100 | 1 | 2.5 | 1 | 3.6 | LVTTTL, M-LVDS | LVTTTL, M-LVDS | 3.35 | 2.68 | 2.15 | 1.79 |
| 595-SN65MLVD201D | SN65MLVD201D | SOIC-8 | 3.3 | 24 | 200 | 1 | 1.5 | 1 | 4 | LVTTTL, M-LVDS | LVTTTL, M-LVDS | 3.58 | 2.86 | 2.29 | 1.91 |
| 595-SN65MLVD2DRBT | SN65MLVD2DRBT | SON-8 | 3.3 | 25 | 250 | - | - | 1 | 6 | M-LVDS | M-LVDS | 2.63 | 2.10 | 1.68 | 1.40 |
| 595-SN65MLVD040RGZT | SN65MLVD040RGZT | VQFN-48 | 3.3 | 90 | 250 | 4 | 2.4 | 4 | 6 | LVTTTL, M-LVDS | LVTTTL, M-LVDS | 10.37 | 8.96 | 7.47 | 5.39 |