

# TRANSFORMER SELECTION GUIDE

## T3/DS3/E3/STS-1 INTERFACE

| IC Manufacturer       | IC P/N              | Single SMD |        |            |            | Single THT |         | Single THT<br>3kVrms |         | Dual SMD<br>Ext Temp |
|-----------------------|---------------------|------------|--------|------------|------------|------------|---------|----------------------|---------|----------------------|
|                       |                     | Std Temp   |        | Ext Temp   |            | XMT        | RCV     | XMT                  | RCV     | XMT & RCV            |
|                       |                     | XMT        | RCV    | XMT        | RCV        |            |         |                      |         |                      |
| Conexant / Rockwell   | CN8331/2/3          | 26Z086     | 26Z086 | 26Z086E/E1 | 26Z086E/E1 | 14Z3276    | 14Z3276 | 16Z5795              | 16Z5795 | 46Z202E*             |
| Exar Corporation      | XRT73L00, L03, L04  | 26Z086     | 26Z086 | 26Z086E/E1 | 26Z086E/E1 | 14Z3276    | 14Z3276 | 16Z5795              | 16Z5795 | 46Z202E*             |
|                       | XRT7300, XRT7302    | 26Z086     | 26Z086 | 26Z086E/E1 | 26Z086E/E1 | 14Z3276    | 14Z3276 | 16Z5795              | 16Z5795 |                      |
|                       | XRT7296, XRT7298    | 26Z086     |        | 26Z086E/E1 |            | 14Z3276    |         | 16Z5795              |         |                      |
|                       | XRT7295, XRT7295E   |            | 26Z086 |            | 26Z086E/E1 | 14Z3276    |         | 16Z5795              |         |                      |
| Infineon Technologies | PEB3452             |            |        |            | 26Z086E/E1 |            |         |                      |         |                      |
| Lucent Technologies   | T7296               | 26Z086     |        | 26Z086E/E1 |            | 14Z3276    |         | 16Z5795              |         |                      |
| Silicon Systems       | SSI 78P236 DS3      | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5795 | 46Z202E              |
|                       | SSI 78P2361 STS1    | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5795 |                      |
|                       | SSI 78P2362 E3      | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5796 |                      |
|                       | SSI 78P7200 DS3     | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5795 |                      |
|                       | SSI 78P7200 E3      | 26Z087     | 26Z087 | 26Z087E/E1 | 26Z087E/E1 | 14Z3277    | 14Z3277 | 16Z5796              | 16Z5796 |                      |
| TDK Semiconductor     | 78P2244/43/42/41    | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5795 | 46Z202E              |
|                       | 78P2362, 78P2361    | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5795 | 46Z202E              |
|                       | 78P7200             | 26Z087     | 26Z087 | 26Z087E/E1 | 26Z087E/E1 | 14Z3277    | 14Z3277 | 16Z5796              | 16Z5796 |                      |
|                       | 78P7200L            | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5795 | 46Z202E              |
| Transwitch            | ART TXC-02020       | 26Z086     | 26Z086 | 26Z086E/E1 | 26Z086E/E1 | 14Z3276    | 14Z3276 | 16Z5795              | 16Z5795 | 46Z202E*             |
|                       | ARTE TXC-02021      | 26Z086     | 26Z086 | 26Z086E/E1 | 26Z086E/E1 | 14Z3276    | 14Z3276 | 16Z5795              | 16Z5795 | 46Z202E*             |
|                       | DART TXC-2030, DS3  | 26Z086     | 26Z086 | 26Z086E/E1 | 26Z086E/E1 | 14Z3276    | 14Z3276 | 16Z5795              | 16Z5795 | 46Z202E*             |
|                       | DART TXC-2030, E3   | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5795 | 46Z202E              |
|                       | DS3LIM-SN TXC20153G | 26Z086     | 26Z086 | 26Z086E/E1 | 26Z086E/E1 | 14Z3276    | 14Z3276 | 16Z5795              | 16Z5795 | 46Z202E*             |
|                       | E3LIM TXC-20163     | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5795 | 46Z202E              |
|                       | MRT TXC-02050 E3    | 26Z087     | 26Z086 | 26Z087E/E1 | 26Z086E/E1 | 14Z3277    | 14Z3276 | 16Z5796              | 16Z5795 | 46Z202E              |

Notes: \* For those applications that requires a 1:1 turns ratio on the transmit (xmt) side, please use only one half of the second (2CT) winding.

Please contact the factory for other selections not listed on this page.