



Bill of Materials

TI DESIGNS

TIDM-30UTSMTSTRP
Isolated Serial Board

| Item | Qty | Reference | Value | Part Description | Manufacturer | Manufacturer Part Number | PCB Footprint | Note |
|------|-----|----------------|-------------------------|--|--|--------------------------|----------------------|--|
| 1 | 2 | C24, C25 | 0.1uF, 50V, +/-10%, X7R | CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603 | TDK Corporation | C1608X7R1H104K | 0603 | Digikey Product Folder |
| 2 | 2 | C26, C27 | | CAP, TA, 10uF, 10V, +/-10%, 1.8 ohm, SMD | Kemet | T495A106K010ATE1K8 | 3216-18 | Digikey Product Folder |
| 3 | 4 | D2, D3, D4, D5 | | | Vishay Semiconductor Diodes Division | LL103A | SOD-80 | Digikey Product Folder |
| 4 | 1 | J7 | | Receptacle Assembly, 9 Position, Right Angle | TE Connectivity | | DSUB9-F | Digikey Product Folder |
| 5 | 2 | Q1, Q2 | | Transistor, PNP, 45V, 0.1A, SOT-23 | Micro Commercial Co | BC857C-7-F | SOT-23 | Digikey Product Folder |
| 6 | 2 | R18, R21 | 2.2k ohm | RES, 2.2k ohm, x%, xW, [PackageReference] | Panasonic Electronic Components | ERJ-3GEYJ222V | 0603 | Digikey Product Folder |
| 7 | 1 | R19 | Open | RES, Open ohm, x%, xW, [PackageReference] | | | 0603 | Open |
| 8 | 2 | R20, R23 | 1k ohm | RES, 1k ohm, x%, xW, [PackageReference] | Panasonic Electronic Components | ERJ-3GEYJ102V | 0603 | Digikey Product Folder |
| 9 | 1 | R22 | 68 ohm | RES, 68 ohm, x%, xW, [PackageReference] | Panasonic Electronic Components | ERJ-3GEYJ680V | 0603 | Digikey Product Folder |
| 10 | 1 | R24 | 10k ohm | RES, 10k ohm, x%, xW, [PackageReference] | Panasonic Electronic Components | ERJ-3GEYJ103V | 0603 | Digikey Product Folder |
| 11 | 1 | R25 | 1.5k ohm | RES, 1.5k ohm, x%, xW, [PackageReference] | Panasonic Electronic Components | ERJ-3GEYJ152V | 0603 | Digikey Product Folder |
| 12 | 1 | R26 | 220 ohm | RES, 220 ohm, x%, xW, [PackageReference] | Panasonic Electronic Components | ERJ-3GEYJ221V | 0603 | Digikey Product Folder |
| 13 | 2 | RF1, RF2 | | Header, SMT 10X2 pin, Shrouded | Samtec | SFM-110-02-SM-D-A-K-TR | HEADER_TFM-110-02-SM | Avnet Product Folder |
| 14 | 2 | U2, U3 | | | CEL | PS8802-1 | SO-8 | Digikey Product Folder |