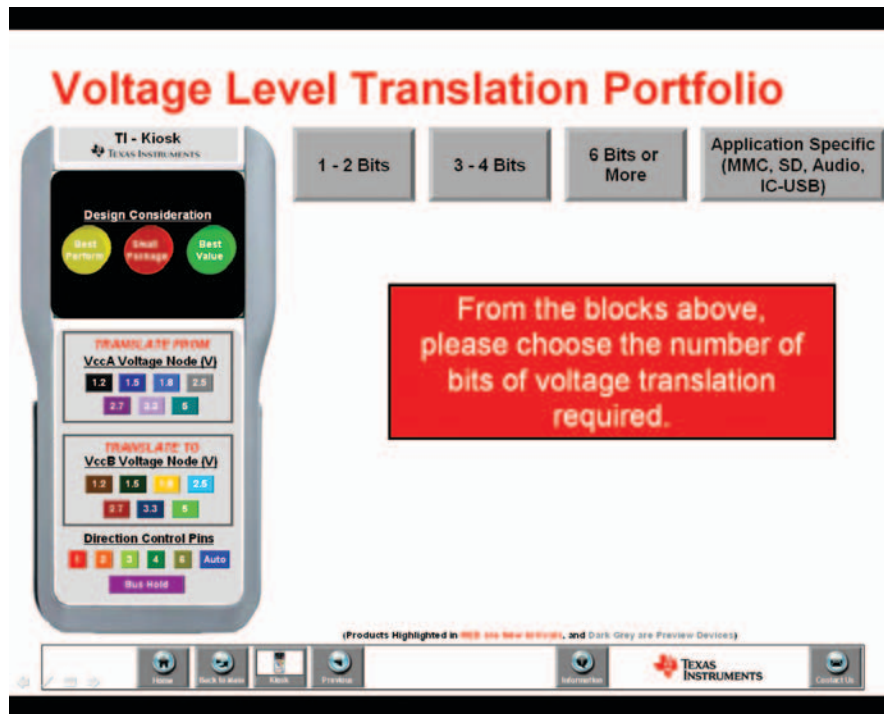
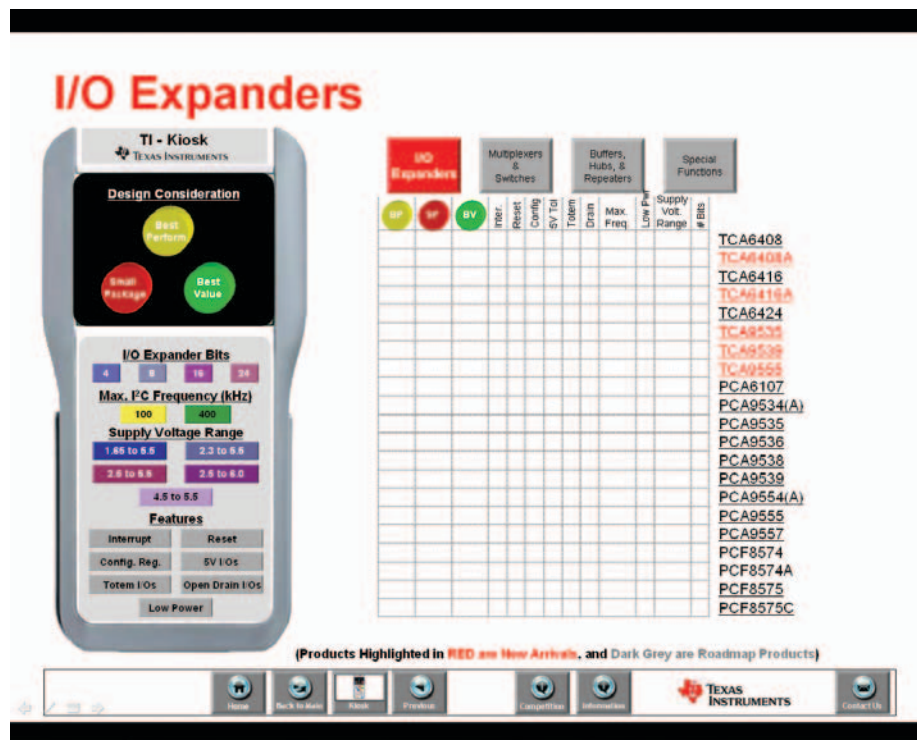




3. What do you use for Voltage Level Translation? www.ti.com/translation

Part Number	Description
SN74AUP1T97	Single-Supply Voltage Translator SOT-23 (DBV 2.90 X 2.80), SC-70 (DCK 2.00 X 2.20), WCSP (YZP 1.40 X 1.90)
TXS0104E	4-Bit Bidirectional Voltage-Level Translator for Open-Drain Applications TSSOP (PW 4.40 X 5.00), SOIC (D 3.91 X 8.65), WCSP (YZP/YZT 1.40 X 1.90), UFBA (GXU/ZXU 2.50 X 2.00), QFN (RGY 3.50 X 3.50)
TXB0108	8-Bit Bidirectional Voltage-Level Translator with Auto Direction Sensing TSSOP (PW 4.40 X 6.50), UFBGA (GXU/ZXU 3.00 X 2.50), QFN (3.50 X 4.50)
AVC16T245	16-Bit Dual-Supply Bus Transceiver with Configurable Voltage Translation and 3-State Outputs TVSOP (DGV 9.70 X 6.40), TSSOP (DGG 12.50 X 8.10), VFBGA (GQL/ZQL 7.00 X 4.50)
TWL1200	SDIO, UART, and Audio Voltage-Level Transceiver BGA (ZQC 4.00 X 4.00), WCSP (YFF 2.00 X 2.00)



4. Got enough GPIO's?

www.ti.com/i2c

Part Number	Description
PCA9517	Level-Translating I2C Bus Repeater VSSOP (DGK 3.00 X 4.90), SOIC (D 3.91 X 4.90)
P82B96	Dual Bidirectional Bus Buffer TSSOP (PW 4.40 X 3.00), PDIP (P 9.81 X 6.35), SOIC (D 3.91 X 4.90)
TCA6507	Low-Voltage, 7-Bit, I2C and SMBus LED Driver w/Intensity Control and Shutdown TSSOP (PW 4.40 X 5.00), UFBGA (GXU/ZXU 2.50 X 2.00), QFN (RUE 1.40 X 2.00)
TCA4311	Hot Swappable 2-Wire Bus Buffers VSSOP (DGK 3.00 X 4.90), SOIC (D 3.91 X 4.90)
TMP75	Digital Temperature Sensor with 2-Wire Interface SOIC-8 (D 4.90 X 6.00), MSOP-8 (DGK 3.00 X 4.90)

Availability: TI has the largest dedicated machine capacity for +1 products.

All dimensions in millimeters (mm)

Pricing: TI offers competitive pricing in all market conditions.

Obsolescence: TI rarely obsoletes devices, and offers the most generous LTB conditions in the industry. (www.ti.com/ltb)

Free samples are available for all +1, to order please visit: www.ti.com/plusone

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High Volume Linear (HVL)



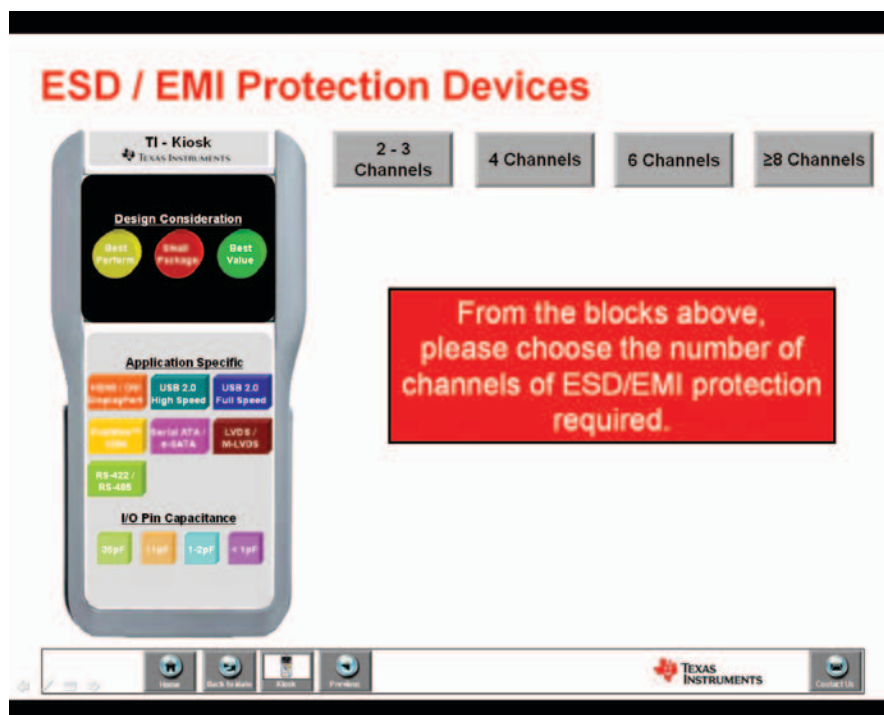
Support Guide



HLV Support Questions:

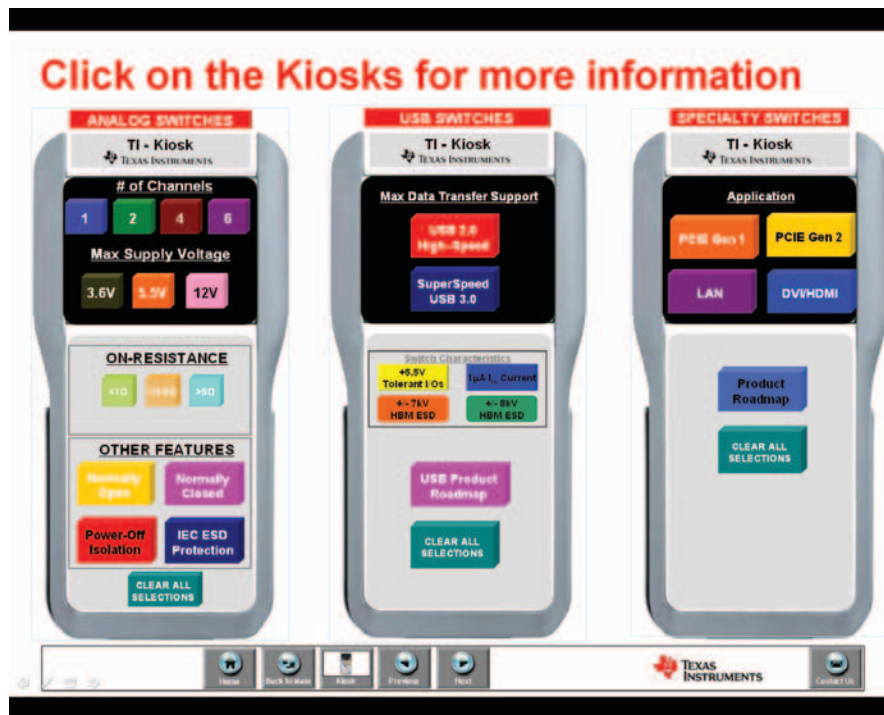
1. How do you protect your Interfaces from ESD?
2. Are you doing any Signal Switching?
3. What do you use for Voltage Level Translation?
4. Got enough GPIO's?





1. How do you protect your Interfaces from ESD? www.ti.com/esd

Part Number	Description
TPD12S520	HDMI Receiver Port Protection and Interface Device TSSOP (DBT 4.40 X 9.70)
TPD8S009	8-Channel ESD Solution for HDMI/DisplayPort SON (DSM 6.50 X 2.50)
TPD4S012	4-Channel USB ESD Solution with Power Clamp UQFN (DRY 1.45 X 1.00) WCSP (YFP 0.77 X 1.17)
TPD2E009	2-Channel ESD Protection Array for High-Speed Data Interfaces SOT (DRT 1.00 X 1.00) SOT23 (DBZ 2.92 X 2.37) UQFN (DRY 1.45 X 1.00)
TPD2E007	2-Channel ESD Protection Array for AC Signal Data Interface SC-70 (DCK 2.00 X 2.10) WCSP (YFM 0.77 X 0.77)



2. Are you doing any Signal Switching? www.ti.com/switches

Part Number	Description
TS5A22364	0.65-Ω Dual SPDT Analog Switch with Negative Rail Capability VSSOP (DGS 3.00 X 3.00), VSON (DRC 3.00 X 3.00), WCSP (YZP 1.40 X 1.90)
TS5A9411	10-Ω SPDT Analog Switch SC-70 (DCK 1.25 X 2.00)
TS3A44159	0.45-Ω Quad SPDT Analog Switch Quad-Channel 2:1 Multiplexer/Demultiplexer with Two Controls TSSOP (PW 5.00 X 6.40), SSOP/QSOP, (RGT 3.05 X 3.05), UQFN (RSV 2.60 X 1.80)
TS12A4514	Low-Voltage, Low On-State Resistance SPST CMOS Analog Switches PDIP (P 9.81 X 6.30), SOIC (D 4.90 X 6.00)
TS3A27518E	6-Bit, 1-of-2 Mux/Demux with 240 MHz Bandwidth TSSOP (PW 6.40 X 7.80)