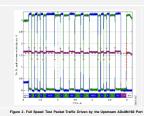


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The ADMAH 160 has several options for power speed and printeriors that must be determined. Peripheral devices on all one of thms speeds, law (1.5 Mings, 1.6 ft [2 Mings], and fight (480 Mings). The ADMAH 160 does not support lingly speed of the control operation, but the control operation, but the control operation, but the most is not allowed by the normal operation of the ADMAH 160 Mings (1.6 Mings). The ADMAH 160 mings are set to be marginated as 1 Mings (1.6 Mings). The ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the printers of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the ADMAH 160 mings are left to the register of the



This had design is fully isolated from the upstream data con-nection for translers up to 5 kV. The downstream points are powered through an office power source to support till gover applications. Lost, full, and high proced professation can be connected by the downstream point is any combination. The high control procedure can be used to a control substrated This design shade includes control substrated This design shade in shade in the control shade or a deput from the in a recording to the shade into the interest the land or the shade in the shade in the control shade or the shade in the shad

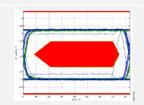


Figure 3. Full Speed Eye Diagram Showing the Exclusion Zone

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CIRCUIT EVALUATION AND TEST		TOTOP
se ADuM4160 isolate	ed USB hub evaluation board is specifically developed to evaluate and test the circuit describer ad schematic and picture of the circuit board are shown in Figure 1 and Figure 4.	I in this
quipment Needed The following equipme	to schematic and picture or are cricial could are shown in Figure 1 and Figure 4.  Int is needed: a USB port hub connection, with an upstream-downstream data path, the ADuM ADUM4160 evaluation board, three USB cables, and a high speed digital oscilloscope.	4160
egarding the ADuM41 re contained in the C vallable in the ADuM- functional Block Dia	at, circuit schematic, and block diagram of the test setup-described in this Circuit Note, details 60 sidated USB hade evaluation board, Gerbert, bill of materials, byout, and assembly inform 724-1915 design support package, lifetimation regarding the components used in the isolator circ 1916, OUPPSI33, and PAPSI33 data streets and the ADJMA160 evaluation board user guide, if pages.	ation out is
ee rigule 1 for the s		TO TOP
Product	TS USED IN THIS CIRCUIT:  Description	Available Product Models to Sample
ADP3330	High Accuracy Ultraliow I (Q), 200 mA, SOT-23, anyCAP@Low Dropout Regulator	□ ADP333(ARTZ-2.5-R7 □ ADP333(ARTZ-2.85R7 □ ADP333(ARTZ-2.75R7
		□ ADP 3354ARTZ3 3-RL7 □ ADP 3354ARTZ-5-RL7 □ ADP 3354ARTZ-5-FL7 □ ADP 3354ARTZ-2-75FL
		ADP333(ARTZ-3.6-R7
ADP3339	High-Accuracy Ultralow Iq. 1.5 A, anyCAP® Low Dropout Regulator	□ ADP 3354ACC2-3 - 8-77 □ ADP 3354ACC2-3 - 8-17 □ ADP 3354ACC2-1 - 8-77 □ ADP 3354ACC2-2 - 8-77
		ADP 3335AKCZ-1.8-R7
ADUM4160	Full/Low Speed USB Digital Isolator	ADUM 4160BRIZ ADUM 4160BRWZ
		ADD SELECTIONS TO SAMPLES GART
		BACK TO TOP
DISCUSSION	Pest your questions or comments about this circuit in our EngineerZone online	support community
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