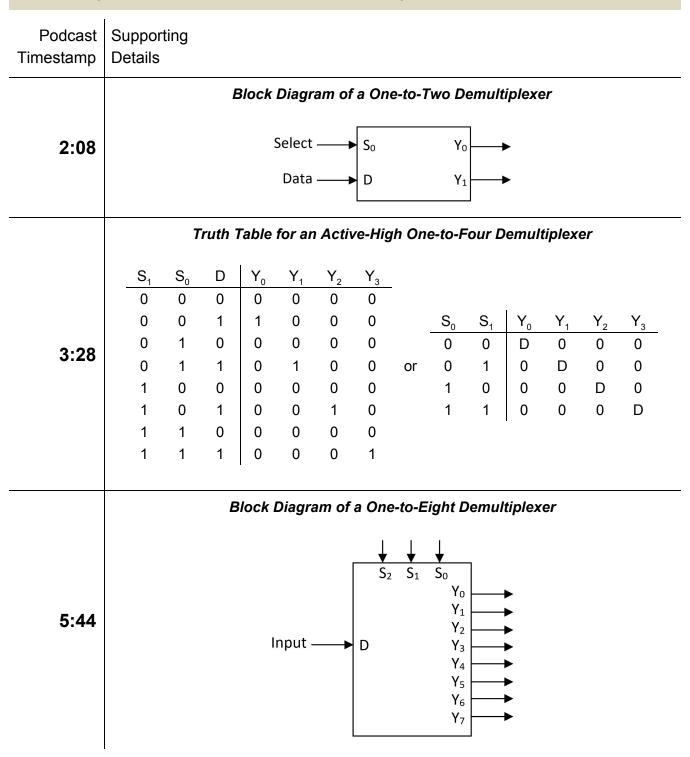
Episode 6.10 - Demultiplexers

(Transcript URL: https://intermation.com/episode-6-10-demultiplexers/)

Show Description: A demultiplexer takes a single data stream and routes it to a selected output channel, a bit like one of those old A-B printer switches we used to physically select which printer we were sending data to. In this episode, we show how to design one.



Podcast Timestamp	Supporting Details
5:58	Complete Boolean Logic for an Active-High One-to-Four Demultiplexer $S_1 \qquad \qquad Y_0 \qquad \qquad Y_1 \qquad \qquad Y_1 \qquad \qquad Y_2 \qquad \qquad Y_2 \qquad \qquad Y_3$ Data
	Complete Boolean Logic for an Active-Low One-to-Four Demultiplexer
9:13	S_1 Y_1 S_0 Y_2 Y_3