

Cross-reference of Oscilloscope Serial Decoding equivalents to Tektronix MDO3 packages

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Here is a cross-reference of SIGLENT oscilloscope serial decoding features compared to the Tektronics MDO3 options:

Tek MDO3MSO: 16 channel logic analyzer function.

The SIGLENT equivalent is optional license **SDSxxxx-16LA**, where xxxx represents the model (SDS1000X-E, SDS2000X-E, SDS2000X Plus, SDS5000X, or SDS6000A series of oscilloscopes)

and hardware (SPL2016 for SDS2000X Plus, SDS5000X, and SDS6000A series/SLA1016 for SDS1000X-E and SDS2000X-E series)

MDO3AFG: Arbitrary waveform generator function.

The SIGLENT equivalent is optional license **SDSxxxx-FG** where xxxx represents the model (SDS1000X-E, SDS2000X-E, SDS2000X Plus, SDS5000X, or SDS6000A series of oscilloscopes)

and hardware (SAG1021I for SDS1000X-E, SDS2000X-E, SDS5000X, and SDS6000A series, Internal hardware is included with SDS2000X Plus)

MDO3SA: Spectrum analyzer function.

The SIGLENT equivalent is the included FFT math function on SDS1000X-E, SDS2000X-E, SDS2000X Plus, SDS5000X, and SDS6000A series oscilloscopes.

MDO3BND is a bundled option that includes:

MDO3AERO: Mil-1553 triggering and decoding.

The SIGLENT equivalent is optional license **SDSxxxx-1553B**, where xxxx represents the model (SDS2000X Plus, SDS5000X, or SDS6000A series of oscilloscopes)

MDO3AUDIO: I2S, LJ, RJ, and TDM triggering and decoding.

The SIGLENT equivalent is optional license **SDSxxxx-I2S**, where xxxx represents the model (SDS2000X Plus, SDS5000X, or SDS6000A series of oscilloscopes)

NOTE: The SIGLENT option covers I2S only and does not support LJ, RJ, and TDM at this time.



MDO3AUTO: CAN, LIN, and CAN-FD triggering and decoding.

The SIGLENT equivalent is optional license **SDSxxxx-CANFD**, where xxxx represents the model (SDS2000X Plus, SDS5000X, or SDS6000A series of oscilloscopes)

NOTE: CAN and LIN triggering and decoding are included on SDS1000X-E, 2000X-E, 2000X Plus, SDS5000X, and SDS6000A oscilloscopes. CAN-FD is optional on the SDS2000X Plus, SDS5000X, and SDS6000A series of oscilloscopes.

MDO3COMP: RS23 and UART triggering and decoding.

This is included (no license purchase required) on SDS1000X-E, 2000X-E, 2000X Plus, SDS5000X, and SDS6000A oscilloscopes.

MDO3EMBD: I2C and SPI triggering and decoding.

This is included (no license purchase required) on SDS1000X-E, 2000X-E, 2000X Plus, SDS5000X, and SDS6000A oscilloscopes.

MDO3FLEX: Flexray triggering and decoding.

The SIGLENT equivalent is optional license **SDSxxxx-FLEXRAY**, where xxxx represents the model (SDS2000X Plus, SDS5000X, or SDS6000A series of oscilloscopes)

MDO3LMT: Limit and mask testing.

This feature is included (no license purchase required) on SDS1000X-E, 2000X-E, 2000X Plus, SDS5000X, and SDS6000A oscilloscopes.

MDO3PWR: Power supply data collection and analysis package.

The SIGLENT equivalent is optional license **SDSxxxx-PA**, where xxxx represents the model (SDS2000X Plus, SDS5000X, or SDS6000A series of oscilloscopes)

Click [Power Supply Analysis](#) to learn more

MDO3USB: USB triggering and decoding.



This feature is currently not supported on SIGLENT oscilloscopes.



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