

dataTec

Mess- und Prüftechnik. Die Experten.

Ihr Ansprechpartner /
Your Partner:

dataTec AG

E-Mail: info@datatec.eu

datatec.eu

4 SERIES B MSO MIXED SIGNAL OSCILLOSCOPE

Upgrades Available After Purchase

Upgrade as your needs change

Protocol Decoding

- Serial bus decoding
 - 1-Wire
 - ARINC 429
 - Automotive Ethernet
 - CAN / LIN / FlexRay
 - CXPI
 - eSPI
 - EtherCAT
 - Ethernet
 - eUSB2
 - I²C
 - I2S Audio
 - I3C
 - Manchester
 - MDIO
 - MIL-STD-1553
 - NFC
 - NRZ
 - PSi5
 - RS-232 / UART
 - SDLC
 - SENT
 - SMBus
 - SpaceWire
 - SPI
 - SPMI
 - SVID
 - USB 2.0

Bandwidth Upgrades

- 350 MHz
- 500 MHz
- 1 GHz
- 1.5 GHz

Digital Voltmeter / Trigger Frequency Counter

Free with product registration

Arbitrary / Function Generator

Advanced Analysis

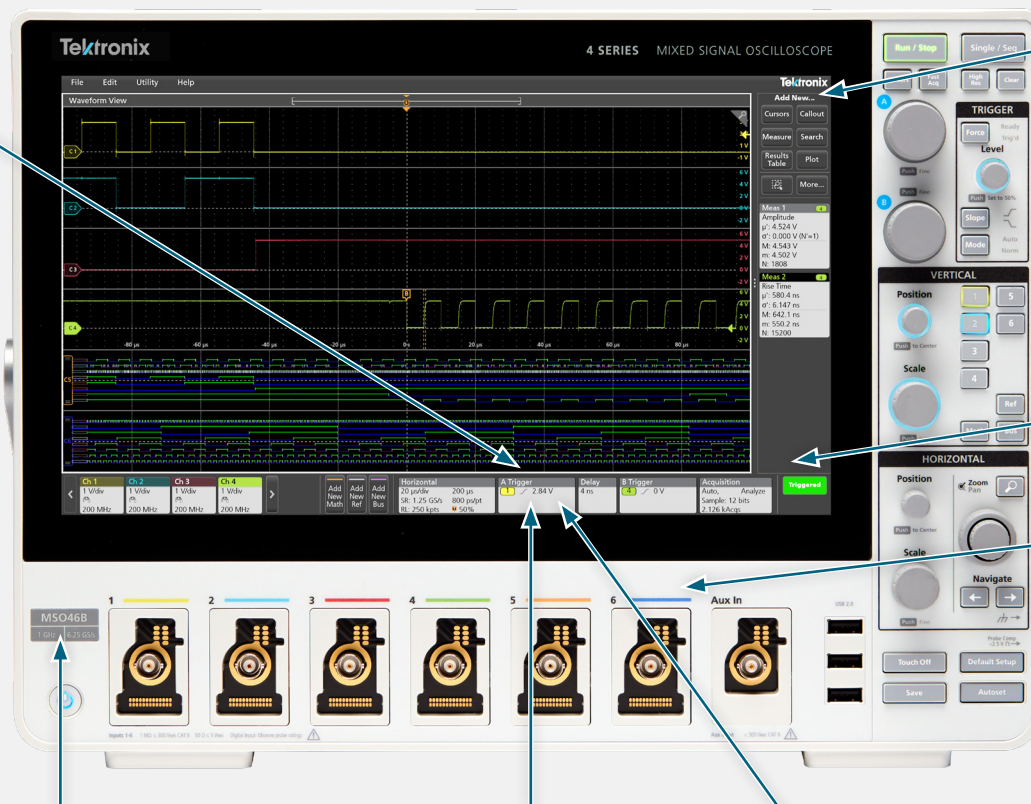
- Advanced Power Analysis
- 3-Phase Power Analysis
- Double Pulse Testing
- Inverter Ride-through Analysis
- RF vs Time Analysis and Triggering
- Time Domain Reflectometry
- Wideband Spectrum Analysis

Double Record Length

Increase to 62.5 Mpts / channel

Add TLP058 Logic Probes

Access 8 digital channels on any FlexChannel™ input



Save with Application Bundles



Six Application Bundles deliver outstanding value.

Starter Bundle (4-STARTER-FL) – Capabilities that most engineers will find valuable

- Serial trigger, decode, search and event table analysis on I²C, SPI, RS-232/422/485/UART buses
- Integrated Arbitrary/Function Generator with 13 predefined waveform types as well as arbitrary waveforms

Four Pro Bundles – Designed for specific applications and industries

- Choose one of the four bundles below to fit your application.
- Each includes the Starter Bundle (above).
- Each extends record length to 62.5 M/ch.

Serial Protocol Decoding and Analysis (4-PRO-SERIAL-FL)

- 1-Wire
- Audio
- CAN, CAN FD, CAN XL
- CXPI
- eSPI
- EtherCAT
- Ethernet
- eUSB
- FlexRay
- I3C
- LIN
- Manchester
- MDIO
- NFC
- NRZ
- Power measurement and analysis
- SDLC
- SMBus
- SPMI
- SVID
- USB 2.0

Power (4-PRO-POWER-FL)

- Advanced power analysis
- 3-Phase power analysis
- Double pulse testing for wide bandgap semiconductors
- Inverter ride-through analysis
- SPMI decoding
- SVID decoding
- TDR measurements

Automotive (4-PRO-AUTO-FL)

- Double pulse testing for wide bandgap semiconductors
- Power measurement and analysis
- CAN, CAN FD, CAN XL decoding
- CXPI decoding
- FlexRay decoding
- I3C decoding
- LIN decoding
- NRZ decoding
- PSI5 decoding
- SENT decoding

Aerospace (4-PRO-AERODEF-FL)

- Mask/limit testing
- ARINC 429 decoding
- Manchester decoding
- MIL-STD-1553 decoding
- NRZ decoding
- SpaceWire decoding

Ultimate Bundle (4-ULTIMATE-FL) – The most capability and greatest savings

- Includes Starter bundle and all Pro bundles
- PLUS: Spectrum View RF vs. time waveforms, extended Spectrum View capture bandwidth, and video triggers

Available Upgrades - 4 SERIES B MSO



Individual Options

FEATURE	UPGRADE	DESCRIPTION	UPGRADE OPTION DETAILS
Upgrade Bandwidth	SUP4B-BWn	Bandwidth upgrade for n-channel 4 Series MSO. See datasheet for details on all upgrade options.	All bandwidth upgrades can be performed in the field by installing a software license.

FEATURE	NODE-LOCKED LICENSE UPGRADE	DESCRIPTION
Instrument Functions	SUP4-AFG	Add arbitrary function generator
	SUP4-RL-1	Extend record length to 62.5 Mpts / channel
	SUP4-RFNFC	NFC protocol decode and search
	SUP4-SRAERO	Aerospace serial triggering and analysis (MIL-STD-1553, ARINC 429)
	SUP4-SRAUDIO	Audio serial triggering and analysis (I ² S, LJ, RJ, TDM)
	SUP4-SRAUTO	Automotive serial triggering and analysis (CAN, CAN FD, CAN XL, LIN, FlexRay and CAN symbolic decoding)
	SUP4-SRAUTOEN1	100BASE-T1 and 10BASE-T1S Automotive Ethernet serial analysis
	SUP4-SRAUTOSEN	Automotive sensor serial triggering and analysis (SENT)
	SUP4-SRCOMP	Computer serial triggering and analysis (RS-232/422/485/UART)
	SUP4-SRCXPI	CXPI serial decoding and analysis
	SUP4-SREMBD	Embedded serial triggering and analysis (I ² C, SPI)
	SUP4-SRENET	Ethernet serial triggering and analysis (10BASE-T, 100BASE-TX)
	SUP4-SRESPI	eSPI serial decoding and analysis
Protocol Analysis	SUP4-SRETHERCAT	EtherCAT serial decoding and analysis
	SUP4-SRI3C	MIPI I3C serial decode and analysis
	SUP4-SRMANCH	Manchester serial decode and analysis
	SUP46-SRMDIO	Management Data Input/Output (MDIO) serial decode and analysis
	SUP4-SRNRZ	NRZ serial decode and analysis
	SUP4-SRONEWIRE	1-Wire serial decoding and analysis
	SUP4-SRPM	Power management serial triggering and analysis (SPMI)
	SUP4-SRPSI5	PSI5 serial decode and analysis
	SUP4-SRSDLC	Synchronous data link control (SDLC) decode and analysis
	SUP4-SRSMBUS	SMBus serial decoding and analysis
	SUP4-SRSPACEWIRE	SpaceWire serial analysis
	SUP4-SRSVID	Serial Voltage Identification (SVID) serial decode and analysis
	SUP4-SRUSB2	USB 2.0 serial bus triggering and analysis (LS, FS, HS)
	SUP4-SREUSB2	Embedded USB2 (eUSB2) serial decode and analysis
	SUP4-3PHASE	Three-phase power analysis
	SUP4-MTM	Mask and limit testing
	SUP4-PWR-BAS	Power measurements and analysis
Advanced Analysis	SUP4-PWR	Advanced power measurements and analysis
	SUP4-PS2	Power solution bundle (SUP6-PWR, THDP0200, TCP0030A, 067-1686-xx (deskew fixture))
	SUP4-SV-BW-1	Increase Spectrum View capture bandwidth to 500 MHz
	SUP4-SV-RFVT	Spectrum View RF versus Time analysis
	SUP4-TDR	Time domain reflectometry (TDR) measurements and analysis
	SUP4-VID	NTSC, PAL, and SECAM video triggering
	SUP4-WBG-DPT	Wide bandgap SiC/GaN double pulse test measurements
	SUP4-DVM	Add digital voltmeter / trigger frequency counter (Free with product registration at www.tek.com/register4mso)
Digital Voltmeter		

Most licenses are available as "Floating" versions to facilitate sharing among engineers within your company. Contact your Tektronix representative for additional information.

Copyright © 2026, Tektronix. All rights reserved. Tektronix and Keithley products are covered by U.S. and foreign patents, issued and pending. Information in this publication supersedes that in all previously published material. Specification and price change privileges reserved. TEKTRONIX, TEK and Keithley are registered trademarks of Tektronix, Inc. All other trade names referenced are the service marks, trademarks or registered trademarks of their respective companies.



Ihr Ansprechpartner /
Your Partner:

dataTec AG
E-Mail: info@datatec.eu
datatec.eu

