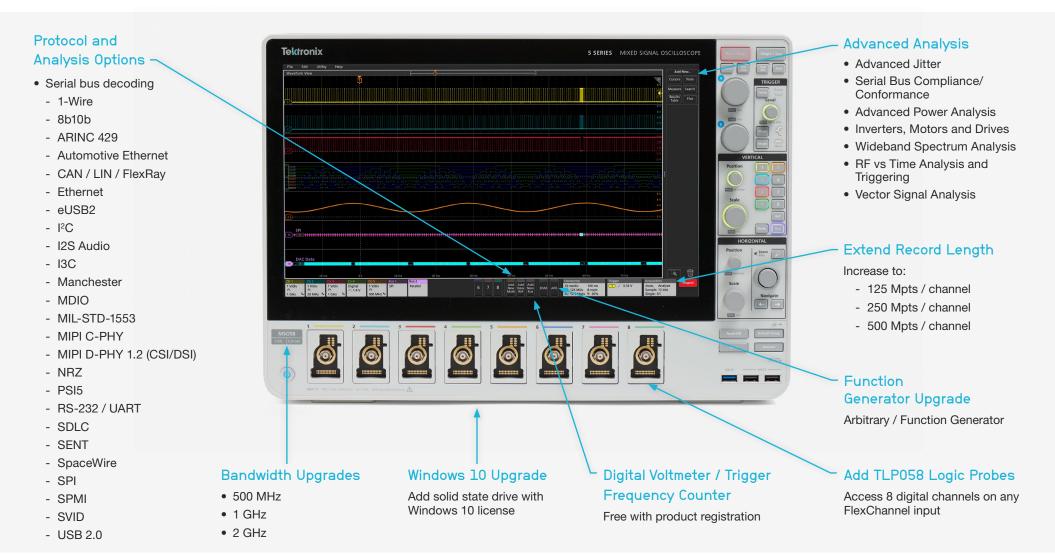
## UPGRADES AVAILABLE AFTER PURCHASE

Upgrade as your needs change





## SAVE WITH APPLICATION BUNDLES

Eight Application Bundles deliver outstanding value. Available with 1-year or perpetual licenses.

#### Starter Bundle (5-STARTER-1Y or -PER) - 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

#### Six Pro Bundles - Designed for specific applications and industries

- Choose one of the six bundles below to fit your application.
- Each includes the Starter Bundle (above).
- Each extends record length to 125 M/ch.

# Serial Protocol Decoding and Analysis (5-PR0-SERIAL-1Y or -PER)

- 1-Wire
- Manchester

MDIO

- 8b10bAudio
  - MIPI • C-PHY
- CAN, CAN FD
- MIPI D-PHY
- Ethernet
- NRZ
- eUSBFlexRay
- SDLCSPMI
- I3C
- SVID
- LIN USB 2.0

#### Power (5-PR0-POWER-1Y or -PER)

- Advanced power analysis
- Digital power management analysis
- Inverter & motor drive analysis with DQ0 measurements
- SPMI decoding
- SVID decoding

#### Signal Integrity (5-PR0-SIGNAL-1Y or -PER)

- Advanced jitter analysis
- LVDS debug\*
- Mask/limit testing
- PAM3 analysis\*

#### Standards Compliance (5-PR0-COMPL-1Y or -PER)

- 10/100/100BASE-T Ethernet with Multi-lane\*
- 10BASE-T1L Industrial Ethernet\*
- USB 2.0\*\*

#### Automotive (5-PR0-AUT0-1Y or -PER)

- Advanced jitter analysis
- Automotive Ethernet PAM3 analysis\*
- Automotive Ethernet signal separation\*
- Automotive Ethernet compliance\*
- Inverter & motor drive analysis with DQ0 measurements
- 100BASE-T1 decoding
- CAN, CAN FD decoding
- FlexRay decoding
- I3C decoding
- LIN decoding
- NRZ decoding
- PSI5 decoding
- SENT decoding

#### Aerospace (5-PR0-MILGOV-1Y or -PER)

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

#### Ultimate Bundle (5-ULTIMATE-1Y or -PER) - The most capability and greatest savings

- Includes Starter bundle and all Pro bundles
- PLUS: Record length extended to 500 Mpts/channel, Spectrum View RF vs. time waveforms, extended Spectrum View capture bandwidth, and video triggers
- \* Requires solid state drive with Windows operating system (Option 5-WIN)

# AVAILABLE UPGRADES - 5 SERIES MSO

### Individual Options

Feature	Upgrade	Description	Upgrade Option Details
Upgrade Bandwidth	SUP5-BWxTy8	Bandwidth upgrade for 6-channel 5 Series MSO from x to y, where x and y are the hundreds of MHz  Up to 1 GHz upgrades can be performed in the 2 GHz upgrade requires installation at a Tektron	Bandwidth upgrades
	SUP5-BWxTy6		<ul> <li>Up to 1 GHz upgrades can be performed in the field by installing a software license.</li> <li>2 GHz upgrade requires installation at a Tektronix Service Center via option IFC or IFCIN.</li> <li>Bandwidth upgrades from 350 or 500 MHz to 1 or 2 GHz also include one TPP1000 1 GHz passive probe per instrument channel.</li> </ul>
	SUP5-BWxTy4	Bandwidth upgrade for 4-channel 5 Series MSO from x to y, where x and y are the hundreds of MHz	

Feature	Node-Locked License Upgrade	Description
	SUP5-AFG	Add arbitrary function generator
	SUP5-RL-125M	Extend record length from 62.5 Mpts / channel to 125 Mpts / channel <sup>2</sup>
Instrument Functions	SUP5-RL-250M	Extend record length from 62.5 Mpts / channel to 250 Mpts / channel <sup>2</sup>
	SUP5-RL-500M	Extend record length from 62.5 Mpts / channel to 500 Mpts / channel <sup>2</sup>
	SUP5-WIN	Add removable SSD with Windows 10 license installed
	SUP5-SR8B10B	8b10b serial decoding and analysis
	SUP5-SRAERO	Aerospace serial triggering and analysis (MIL-STD-1553, ARINC 429)
	SUP5-SRAUDIO	Audio serial triggering and analysis (I2S, LJ, RJ, TDM)
	SUP5-SRAUTO	Automotive serial triggering and analysis (CAN, CAN FD, LIN, FlexRay)
	SUP5-SRAUTOEN1	100BASE-T1 Automotive Ethernet protocol decode software
	SUP5-SRAUTOSEN	Automotive sensor serial triggering and analysis (SENT)
	SUP5-SRCOMP	Computer serial triggering and analysis (RS-232/422/485/UART)
	SUP5-SRCPHY	MIPI C-PHY serial decoding and analysis
	SUP5-SRDPHY	MIPI D-PHY (CSI/DSI) serial decode and analysis
	SUP5-SREMBD	Embedded serial triggering and analysis (I <sup>2</sup> C, SPI)
Protocol Analysis	SUP5-SRENET	Ethernet serial triggering and analysis (10BASE-T, 100BASE-TX)
Decode and search serial content. Some packages include hardware triggering	SUP5-SRI3C	MIPI I3C serial decoding and analysis
as noted.	SUP5-SRMANCH	Manchester serial decode and analysis
	SUP5-SRMDIO	Management Data Input/Output serial decoding and analysis
	SUP5-SRNRZ	NRZ serial decoding and analysis
	SUP5-SRONEWIRE	1-Wire serial decoding and analysis
	SUP5-SRPM	Power management serial triggering and analysis (SPMI)
	SUP5-SRPSI5	PSI5 serial decode and analysis
	SUP5-SRSDLC	Synchronous data link control (SDLC) serial decode and analysis
	SUP5-SRSPACEWIRE	SpaceWire serial decoding and analysis
	SUP5-SRSVID	Serial Voltage Identification (SVID) serial decoding and analysis
	SUP5-SRUSB2	USB 2.0 serial bus triggering and analysis (LS, FS, HS)
	SUP5-SREUSB2	Embedded USB2 (eUSB2) serial decoding and analysis

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

# AVAILABLE UPGRADES - 5 SERIES MSO

Individual Options

Feature	Node-Locked License Upgrade	Description
	SUP5-AUTOEN-SS	Automotive Ethernet signal separation
Serial Compliance/	SUP5-CMAUTOEN	Automotive Ethernet compliance test (100BASE-T1, 1000BASE-T1)
Conformance <sup>1</sup> Perform automated pass/	SUP5-CMENET	Ethernet automated compliance test (10BASE-T, 100BASE-T, 1000BASE-T)
fail testing or margin testing per common standards, with	SUP5-CMENETML <sup>5</sup>	Ethernet (10BASE-T, 100BASE-T, 1000BASE-T)
numerical results and full reports	SUP5-CMINDUEN10	Industrial Ethernet (10BASE-T1L Long Reach) automated compliance test solution
	SUP5-CMUSB2	USB 2.0 automated compliance test
	SUP5-AUTOEN-BND1	Automotive Ethernet compliance, signal separation, PAM3 analysis (requires option 5-DJA), 100BASE-T1 serial decode
	SUP5-DBLVDS <sup>1,4</sup>	Automated LVDS test solution
	SUP5-DJA	Advanced jitter and eye analysis
	SUP5-DPM	Complete Digital Power Management (Includes all measurements in DPMBAS + Jitter and Eye Diagram Analysis)
	SUP5-DPMBAS	Basic Digital Power Management (Power Sequence Analysis, Transient Analysis and Ripple Analysis)
	SUP5-IMDA <sup>3</sup>	Inverter Motor Drive Analysis
Advanced Analysis	SUP5-IMDA-DQ0 <sup>3,6</sup>	Add DQ0 measurements to IMDA
	SUP5-MTM	Mask testing
	SUP5-PAM3 <sup>1</sup>	PAM3 analysis
	SUP5-PS2	Power solution bundle (SUP6-PWR, THDP0200, TCP0030A, 067-1686-xx (deskew fixture))
	SUP5-PWR	Advanced power measurements and analysis
	SUP5-SV-BW-1	Increase Spectrum View Capture Bandwidth to 500 MHz
	SUP5-SV-RFVT	Spectrum View RF versus Time Analysis and Trigger
Digital Voltmeter	SUP5-DVM	Add digital voltmeter / trigger frequency counter (Free with product registration at www.tek.com/register5mso)

<sup>1.</sup> Option 5-WIN or upgrade SUP5-WIN required. 2. Additional upgrades are available from any record length to any greater record length. See datasheet for details. 3. This option not compatible with MSO54.

#### www.tek.com/5SeriesMS0

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<sup>4.</sup> Option 5-DJA required. 5. Option 5-CMENET required. 6. Option 5-IMDA required.