

UPGRADES AVAILABLE AFTER PURCHASE

Upgrade as your needs change

Protocol and Analysis Options

- Serial bus decoding
 - I²C / SPI
 - I3C
 - RS-232 / UART
 - SPMI
 - CAN / LIN / FlexRay
 - USB 2.0
 - Ethernet
 - D-PHY
 - I²S Audio
 - SVID
 - MDIO
 - eUSB2
 - MIL-STD-1553 / ARINC 429
 - SpaceWire
 - 8b10b
 - Manchester
 - SDLC
 - NRZ
 - Automotive Ethernet
 - SENT
 - PS15

- Advanced Jitter Analysis
- Serial Bus Compliance
- Advanced Power Analysis
- Inverter Motor Drive Analysis

Bandwidth Upgrades

- 500 MHz
- 1 GHz
- 2 GHz

Digital Voltmeter / Trigger Frequency Counter

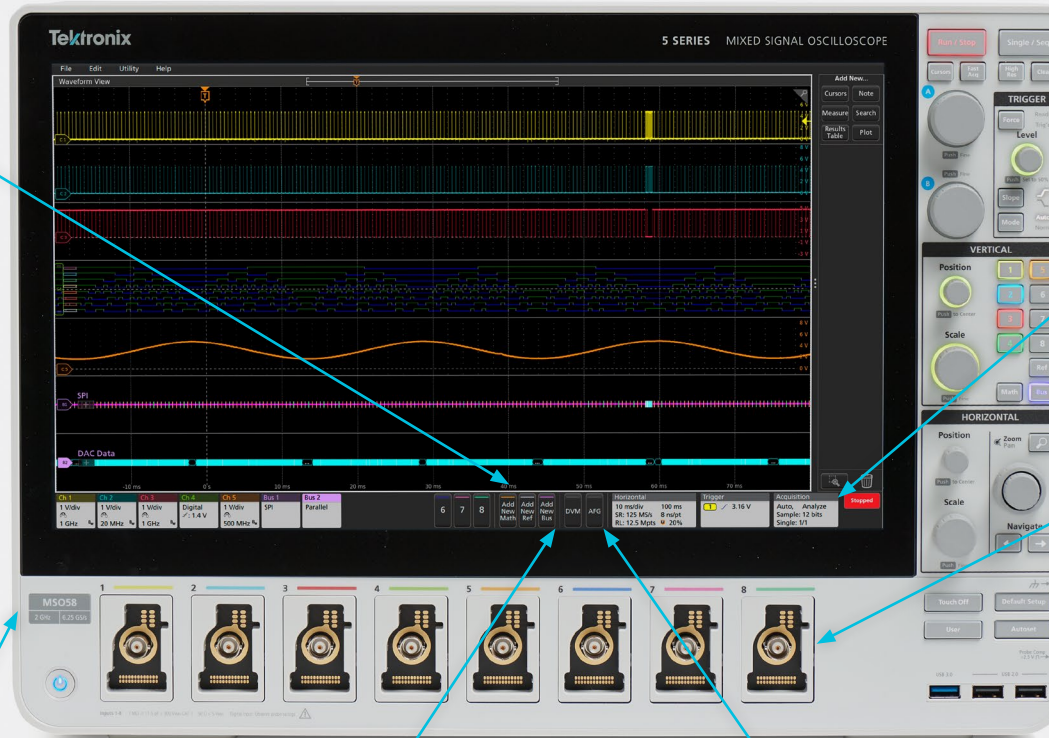
Free with product registration

Windows 10 Upgrade

Add solid state drive with Windows 10 license

Function Generator Upgrade

Arbitrary / Function Generator



Extend Record Length

Increase to:

- 125 Mpts / channel
- 250 Mpts / channel
- 500 Mpts / channel

Add TLP058 Logic Probes

Access 8 digital channels on any FlexChannel input

AVAILABLE UPGRADES – 5 SERIES MSO

All upgrades can be added after purchase

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

| Feature | Node-Locked License Upgrade | Floating License Upgrade | Description |
|------------------------------------|-----------------------------|---------------------------------|---|
| Add Serial Compliance ¹ | SUP5-AUTOEN-SS | SUP5-AUTOEN-SS-FL | Automotive Ethernet signal separation |
| | SUP5-CMAUTOEN | SUP5-CMAUTOEN-FL | Automotive Ethernet compliance test (100BASE-T1, 1000BASE-T1) |
| | SUP5-CMENET | SUP5-CMENET-FL | Ethernet automated compliance test (10BASE-T, 100BASE-T, 1000BASE-T) |
| | SUP5-CMENETML ⁵ | SUP5-CMENETML-FL ⁵ | Ethernet (10BASE-T, 100BASE-T, 1000BASE-T) |
| | SUP5-CMINDUEN10 | SUP5-CMINDUEN10-FL | Industrial Ethernet (10BASE-T1L Long Reach) automated compliance test solution |
| | SUP5-CMUSB2 | SUP5-CMUSB2-FL | USB 2.0 automated compliance test |
| | Add Advanced Analysis | SUP5-AUTOEN-BND ¹ | -- |
| SUP5-DBLVDS ^{1,4} | | SUP5-DBLVDS-FL ^{1,4} | Automated LVDS test solution |
| SUP5-DJA | | SUP5-DJA-FL | Advanced jitter and eye analysis |
| SUP5-DPM | | SUP5-DPM-FL | Complete Digital Power Management (Includes all measurements in DPMBAS + Jitter and Eye Diagram Analysis) |
| SUP5-DPMBAS | | SUP5-DPMBAS-FL | Basic Digital Power Management (Power Sequence Analysis, Transient Analysis and Ripple Analysis) |
| SUP5-IMDA ³ | | SUP5-IMDA-FL ³ | Inverter Motor Drive Analysis |
| SUP5-IMDA-DQ0 ^{3,6} | | SUP5-IMDA-DQ0-FL ^{3,6} | Add DQ0 measurements to IMDA |
| SUP5-MTM | | SUP5-MTM-FL | Mask testing |
| SUP5-PAM3 ¹ | | SUP5-PAM3-FL ¹ | PAM3 analysis |
| SUP5-PWR | | SUP5-PWR-FL | Advanced power measurements and analysis |
| SUP5-SV-BW-1 | | SUP5-SV-BW-1-FL | Increase Spectrum View Capture Bandwidth to 500 MHz |
| SUP5-SV-RFVT | | SUP5-SV-RFVT-FL | Spectrum View RF versus Time Analysis and Trigger |
| Add Digital Voltmeter | | SUP5-DVM | -- |

| Feature | Upgrade | Description | Upgrade Option Details |
|-------------------|-------------|---|---|
| Upgrade Bandwidth | SUP5-BWxTy8 | Bandwidth upgrade for 8-channel 5 Series MSO from x to y, where x and y are the hundreds of MHz | Bandwidth upgrades <ul style="list-style-type: none"> Up to 1 GHz upgrades can be performed in the field by installing a software license. 2 GHz upgrade requires installation at a Tektronix Service Center via option IFC or IFCIN. Bandwidth upgrades from 350 or 500 MHz to 1 or 2 GHz also include one TPP1000 1 GHz passive probe per instrument channel. |
| | SUP5-BWxTy6 | Bandwidth upgrade for 6-channel 5 Series MSO from x to y, where x and y are the hundreds of MHz | |
| | SUP5-BWxTy4 | Bandwidth upgrade for 4-channel 5 Series MSO from x to y, where x and y are the hundreds of MHz | |

1. 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. 4. Option 5-DJA required. 5. Option 5-CMENET required. 6. Option 5-IMDA required.

www.tek.com/5SeriesMSO

