The table below lists the use cases currently supported by the OnePort Programmer and version 2.5 software.

Use Case	Approved Part Number	Starting State	Action	Platform	Result	Notes
Use Case 1: Tune an MSA Tunable part to a fixed wavelength	OP-SFPP-TUNE-80	MSA, Tunable	MSA-Tune; Select wavelength	OnePort 2.1 or higher	MSA, Fixed wavelength	Primary use case; New part number reflects ITU channel number for chosen wavelength. e.g. 10GTSFP+1800MC80 for ITU Channel 18.00
Use Case 2: Program an MSA Tunable part to a Compatible tunable part (Ciena, etc.)	OP-SFPP-TUNE-80	MSA, Tunable	Program; Select compatibility	OnePort 2.1 or higher	Compatible, Tunable	Programmed to compatibility and leaves it tunable
Use Case 3: Retune to a different wavelength	10GTSFP+1800MC80	MSA, Fixed	MSA-Tune; Select wavelength	OnePort 2.1 or higher	MSA, Fixed wavelength	e.g. Retuned from ITU Channel 18.00 (p/n: 10GTSFP+1800MC80) to 18.50 (p/n: 10GTSFP+1850MC80)
Use Case 4: Reset to MSA Tunable	10GTSFP+1800MC80	MSA, Fixed	Program; Select ONEPORT (MSA) compatibility	OnePort 2.1 or higher	MSA, Tunable	Back to a tunable part; e.g. p/n: OP-SFPP-TUNE-80-I
Use Case 5: Reprogram a Compatible Tunable part to another Compatible Tunable part	e.g. XCVR-T80W01-OP-C1 XCVR-T80W02-OP-C1 Truncated P/N: XCVR-T80W01-OPC1 XCVR-T80W02-OPC1	Compatible, Tunable	Program; Select compatibility	OnePort 2.1 or higher	Compatible, Tunable	Programmed to new compatibility and leaves it tunable
Use Case 6: Reset a Compatible Tunable part to MSA Tunable	e.g. XCVR-T80W01-OP-C1 XCVR-T80W02-OP-C1 Truncated P/N: XCVR-T80W01-OPC1 XCVR-T80W02-OPC1	Compatible, Tunable	Program; Select ONEPORT (MSA) compatibility	OnePort 2.1 or higher	MSA, Tunable	Programmed to MSA and leaves it tunable; e.g. p/n: OP-SFPP-TUNE-80-I

Use Case 7: Program and Tune an MSA Tunable part to a compatible and fixed wavelength	OP-SFPP-TUNE-80	MSA, Tunable	Program & Tune; Select compatibility and wavelength	OnePort 2.1 or higher	Compatible, fixed wavelength	Programmed and tuned to compatibility and fixed wavelength
Use Case 8: Program and Tune a compatible and fixed wave-length to another compatible and different wavelength	e.g. XCVR-S80W31-OP-C1 XCVR-S80W32-OP-C1 Truncated P/N: XCVR-S80W31-OPC1 XCVR-S80W32-OPC1	Compatible, fixed wavelength	Program & Tune; Select compatibility and wavelength	OnePort 2.1 or higher	Compatible, fixed wavelength	Programmed and tuned to new compatibility and different wavelength
Use Case 9: Reset a compatible and fixed wavellength to MSA Tunable	e.g. XCVR-S80W31-OP-C1 XCVR-S80W32-OP-C1 Truncated P/N: XCVR-S80W31-OPC1 XCVR-S80W32-OPC1	Compatible, fixed wavelength	Program; Select ONEPORT (MSA) compatibility	OnePort 2.1 or higher	MSA, Tunable	Programmed to MSA and leaves it tunable; e.g. p/n: OP-SFPP-TUNE-80-I
Use Case 10: MRV workaround for it to recognize new wavelength	OP-SFPP-TUNE-80	MSA, tunable	MSA-tune	OnePort 2.5	MSA, tunable (with new fixed wavelength)	Tuned to a fixed wavelength (as selected) but still appears as "Tunable" to the MRV device