

<b>VAR-SOM-MX7 Yocto Rocko release notes</b>	
Based on release	Yocto: Poky 2.4, BSP: FSL Community BSP 2.4, Linux: Freescale imx_4.9.11_1.0.0_ga
Nature of release	New FSL Community Yocto Rocko version release
Release git	<a href="https://github.com/varigit/variscite-bsp-platform">https://github.com/varigit/variscite-bsp-platform</a>
Release tag	rocko-fslc-4.9.11-mx7-v1.2
Date	7/3/2018
Supported platform	All VAR-SOM-MX7 family
SOM revision	VAR-SOM-MX7 v1.x / VAR-SOM-MX7-5G v2.x
Carrier board revision	V1.1 and higher
Embedded Linux distribution	Yocto FSL Community BSP Rocko 2.4 based
FSL Community BSP link	<a href="http://freescale.github.io/doc/release-notes/2.4/">http://freescale.github.io/doc/release-notes/2.4/</a>
Kernel git	<a href="https://github.com/varigit/linux-imx">https://github.com/varigit/linux-imx</a>
Kernel branch	imx_4.9.11_1.0.0_ga-var01
U-Boot git	<a href="https://github.com/varigit/u-boot-imx">https://github.com/varigit/u-boot-imx</a>
U-Boot branch	imx_v2017.03_4.9.11_1.0.0_ga_var01
File System build system	Yocto Rocko
Recovery SD card link	<a href="rocko-fslc-4.9.11-mx7-v1.2.img.gz">rocko-fslc-4.9.11-mx7-v1.2.img.gz</a>
<b>Change List</b>	
<b>Description</b>	
<a href="#">Release v1.2</a>	
sources/poky	Upgraded to 2.4.3
sources/meta-freescale	Upgraded to latest stable
sources/meta-browser	chromium-x11: Update to 67.0.3396.87
sources/meta-qt5	Qt: upgraded to 5.9.6
sources/meta-variscite-fslc	Bluetooth: Reworked Variscite BT startup script Qt5: update the environment according to backend and CPU features variscite_scripts: Install the rootfs to eMMC faster Move wayland and Qt5 to dynamic layers wifi-firmware: reworked recipes Qt5 demo image (fsl-image-qt5) rework Video Player icon bug fix kernel: reworked dtsi audio routing kernel: net: fec: Fix memory stomp in fec_enet_private (fix eth after resume from suspend) kernel: add dmcc widget support U-Boot: Backup silence status before calling mmc_init
<a href="#">Release v1.1</a>	
U-Boot: Add support for custom kernel args by setting a kernelargs env. var.	
U-Boot: Add option to import the env. from a text file, uEnv.txt	
U-Boot: Remove unused pads from NAND configuration	
U-Boot: Add SPL support - and read DDR values & production info from EEPROM	Critical update that allows future-proofing your SW build and automatically support new DDR3 component generations
Qt5: update the environment according to backend and CPU features	
WiFi/BT startup sequence update	Fix a rare case of WiFi firmware load failure on VAR-SOM-MX7-5G
FreeRTOS/M4 RPMmsg fix	The hard-coded vring buffer has been removed from the driver: input the vring buffer by device tree node
Disable SAI2 in device tree	By default, SAI2 is not connected to BT PCM, so leave it free as GPIOs
Limit the max CPU freq. to 1 GHz in accordance with its specification	
Add OV5640 image sensor support	Set the correct OV5640 image sensor clock, and update its driver to work with the latest fsl community gstreamer plugins
Add wl configuration/calibration/diagnostics tool for bcm43xx WiFi chipsets	
xinput-calibrator: Fix the "filename argument required" error at startup	
<a href="#">Release v1.0</a>	
Upgraded U-Boot to latest NXP release 2017.03	
Upgraded kernel to latest NXP release 4.9.11	
Upgraded SWUpdate to latest release 2017.07	