

DART-6UL Yocto Rocko release notes	
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	https://github.com/varigit/variscite-bsp-platform
Release tag	rocko-fslc-4.9.11-mx6ul-v1.1
Date	7/3/2018
Supported platform	All DART-6UL family
SOM revision	DART-6UL/UULL v1.x / DART-6UL-5G
Carrier board revision	V1.2 and higher
Embedded Linux distribution	Yocto FSL Community BSP Rocko 2.4 based
FSL Community BSP link	http://freescale.github.io/doc/release-notes/2.4/
Kernel git	https://github.com/varigit/linux-imx
Kernel branch	imx_4.9.11_1.0.0_ga-var01
U-Boot git	https://github.com/varigit/u-boot-imx
U-Boot branch	imx_v2017.03_4.9.11_1.0.0_ga_var01
File System build system	Yocto Rocko
Recovery SD card link	rocko-fslc-4.9.11-mx6ul-v1.1.img.gz
Change List	Description
Release v1.1	
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:	<p>xinput-calibrator: Fix the "filename argument required" error at startup 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 and startup scripts WiFi: Added wl configuration/calibration/diagnostics tool for bcm43xx WiFi chipset Qt5 demo image (fsl-image-qt5) rework Video Player icon bug fix U-Boot: Backup silence status before calling mmc_init U-Boot: print eMMC size U-Boot + u-boot-fw-utils: reduced NAND env size U-Boot: Reduce the SPL size in OCRAM U-Boot: HAB : Check if CSF is valid before authenticating image U-Boot: Enable SDP support kernel: Use 8bit bus width for eMMC kernel: tlw320aic3x codec: add dmic widget support kernel: net: fec: Fix memory stomp in fec_enet_private (fix eth after resume from suspend) kernel: reworked dtsi audio configuration kernel: Enable snvs-poweroff for both i.MX6UL and i.MX6ULL kernel: Reworked WIFI configuration in DTS kernel: Added RTC alarm IRQ support for DART-6UL external RTC</p>
Release v1.0	
Upgraded U-Boot to NXP release 2017.03	
Upgraded SWUpdate to release 2017.07	
Fixed OpenSSL AES code miscompilation by binutils-2.29	Fixes WIFI AP authentication problems in WPA/WPA2
Release v1.0-beta	
Updated WIFI firmware to TI release R8.7_SP3	Fixes WPA2 KRACK vulnerability
Upgraded kernel to NXP release 4.9.11	