DART-MX8M Yocto Morty V1.3 release notes	
Based on release	Yocto: Poky 2.2, BSP: NXP Morty BSP L4.9.51_IMX8MQ_GA, Linux: NXP imx_4.9.51_imx8m_ga
Nature of release	Variscite Yocto Morty i.MX8M release V1.3
Date	29/06/2018
Supported platform	DART-MX8M
SOM revision	DART-MX8M v1.1 and higher
Carrier board revision	V1.1 and higher
Variscite BSP git	https://github.com/varigit/meta-variscite-imx
Variscite BSP branch	morty-imx-4.9.51-var01
Variscite BSP commit ID	8bda85607fa8c476a7ebd5c3ecc1cd47efe23f8d
Kernel git	https://github.com/varigit/linux-imx
Kernel branch	imx_4.9.51_imx8m_ga_var01
Kernel commit ID	817ee2d38a9d67f17cda82e2c81309d5d6383fbd
U-Boot git	https://github.com/varigit/uboot-imx
U-Boot branch	imx_v2017.03_4.9.51_imx8m_ga_var01
U-Boot commit ID	9236b0f32558acfb069abbda127ba1b46008a695
File System build system	Yocto Morty
Recovery SD card link	dart-mx8m-recovery-sd.v13.img.gz
Changes List	Description
Release 1.3	
Added support for LCDIF display controller	Required for dual display configuration (to be added later)
Enabled cpuidle by default in DCSS driver to reduce power consumption	DCSS driver was disabling cpuidle unconditionally. Now cpuidle is enabled unless special HDMI-4K DTB is used.
Fixed 5 sec boot delay caused by WIFI startup sequence	Reworked WIFI startup sequence to eliminate the delay
Modified ATF DDR init sequence	Instead of reconfiruring DDR after SPL, just save DDR configuration created by SPL
Release 1.2	
Fixed slow capture frame rate	Capture rate is now 30fps for 1080p and below, 15 fps for 2592x1944
Fixed eMMC and WIFI operation at maximum frequencies	eMMC is operational at HS400 200MHz, WIFI is operational at SD104 200MHz
Reduced power consumption by forcing USB hub auto-suspend	USB hub on carrier board can auto-suspend, reducing power consumption
Replaced connman by NetworkManager	Greatly simplifies WIFI configuration
Added U-Boot spash screen support for HDMI	Full screen splash image is now supported by U-Boot on HDMI displays
Added fw_setenv/fw_printenv utilities	Changing and reading u-boot environment on SD/eMMC is now possible from userspace
Release 1.1	
First Yocto+Anroid SD card release	
Updated kernel and U-Boot	
Release 1.0	
Initial Release	