

VAR-SOM-MX6 3.10.53-1.1.0 release notes			
Based on release	Freescale L3.10.53_1.1.0-ga, 01/2015		
Nature of release	New Freescale Yocto Daisy release. Variscite seventh Yocto release.		
Freescale release download webpage	Only available to registered customers. Please download the documentations from the Variscite FTP server.		
Date	16/06/2015		
Supported platform	All VAR-SOM-MX6 family		
SOM revision	V1.2.x / V2.x		
Carrier board revision	V1.2 and higher		
Embedded Linux distribution	Yocto Daisy Freescale based		
Kernel version	imx_3.10.53_1.1.0_ga		
U-Boot version	u-boot-imx-2013.10		
Kernel git	https://github.com/varigit/linux-2.6-imx		
Kernel branch	imx_3.10.53_1.1.0_ga_var01		
Kernel commit ID	90ccc3f35c380c9bf1c735ad9cccafd1aa4af133		
U-Boot git	https://github.com/varigit/u-boot-imx		
U-Boot branch	imx_v2013.10_var4		
U-Boot commit ID	f817bccde3e584f5ba2d477659dfc4bf99ec87cc		
File System build system	Yocto Daisy		
Recovery SD card link	N/A		
Variscite Yocto BSP	ftp://ftp.variscite.com/VAR-SOM-MX6/Software/Linux/Yocto/Release8/var_yocto_v8.tar.bz2		
Changes List		Description	
Update kernel		<p>commit 90ccc3f35c380c9bf1c735ad9cccafd1aa4af133 Update SOM description in model commit bda5d33fc71471e94050d253d9de8e837b1eed3 Add new device tree: Support VAR-SOM-MX6Q/D on the VSC board commit 03e5ebc02495c0d32710a443de24610472ffc4d Update DTS for new DART commit bfcd9e40ff0cfe4184f89b1a4a9e9c0a366eb7fc Update imx6dl-var-som.dts commit d341dde708e3424430125fd6287c411a57ffa837 Update imx6q-var-som.dts commit e6dfd7d54ef6bb95bc2f5b8c7967710fa5db14 Set Audio codec gpio reset commit f752167e37383f873510c9d7406fe5d8b6acba7a Set audio gpio-reset commit 3d0388d028cecb52a9df5afcd8d0fc13df518915 Add Clean Device Tree for Variscite IMX6Q Dart commit 20b5dc1a1616a435a8db530bda215cd00a56a4 Add Device Tree support of Variscite IMX6Q Dart commit 04cae56eb1f675ab5539055f5b13f9ddf151e061 Disable ecspi dma due to bug on the ADS7846 touch</p>	
Update U-Boot		<p>commit f817bccde3e584f5ba2d477659dfc4bf99ec87cc Identify device for imx6q-var-som-vc.dtb commit 46da8ac0d87c65713e1a56b34e18b62fd8b3a05 Bugfix: is_cpu_pop_package wrong identify commit 7d0fc2088682b103e97d1c28c2ed882a42866f73 [PATCH 1/3] fix: i2c bus error in part of power ups [PATCH 2/3] Jiq u-boot commands added, phy_ctl, vareeprom [PATCH 3/3] I2C_communication_with_new_audio_power_path.patch commit 3e98a520a468b9e0067c09e618dce78594730e05 Bugfix: updated VDD to fix SOLO and DL PCIE issue commit 2e104befcc1145b379a1d5b2fb3133b90cc86f9 Merge SOM-Dual and DART-MX6 to common source commit 65fd20b1650e4011d551c87b8303aaae957b9862 Add LPDDR2 1GB support for Variscite IMX6Q Dart commit 4f4eb394f5c1acc8bd9bd46515634b8ac2fb868 Som-Dual support commit 58782ac3b4f1793f1a301b8730d34bcd6b848507 Set last bugfix only on Quad/Dual commit 960dc2340c5b82824803ca293f4c5752814b8310 Bugfix: Fix Freescale wrong processor documentation commit c894b16659176dcd35c16aae817e22cefd633b86 256MB DDR support</p>	
Yocto: Add support for new som and configuration		VAR-SOM-MX6Q on VAR-SOLOCustomBoard DART-MX6 support	
Yocto: Bug fixes		BAD Bluetooth checksum error on GITHUB Fix installer patch errors due modified Yocto pacakges Fix problem where VPU firmware for DL/Solo was missing	
Known issue no.	Description	Fix / Workaround	Status
KIMX6Yocto6RelB2_002	720p over HDMI->DVI adapter not working	Use direct HDMI connection	T.B.D