VAR-SOM-MX8 / SPEAR-MX8 Yocto Sumo v1.7 release notes

Based on release	Yocto: Poky 2.5, BSP: NXP Sumo BSP L4.14.98-2.0.0_ga, Linux: Freescale imx_4.14.98-2.0.0_ga
Nature of release	Variscite Yocto Sumo i.MX8QM Release V1.7
Date	12/16/2019
Supported platform	VAR-SOM-MX8/SPEAR-MX8
SOM revision	v1.1 and higher
Carrier board revision	v1.1 and higher
Variscite BSP git	https://github.com/varigit/meta-variscite-imx
Variscite BSP branch	sumo-imx-4.14.98-var01
Variscite BSP commit ID	16c885cb0c05d46edee2333d21ff506a5c3dd5a2
Kernel git	https://github.com/varigit/linux-imx
Kernel branch	imx_4.14.98_2.0.0_ga_var01
Kernel commit ID	f46b4b86d886f281c13ec9e2d304c6af7ca69fa0
U-Boot git	https://github.com/varigit/uboot-imx
U-Boot branch	imx_v2018.03_4.14.98_2.0.0_ga_var01
U-Boot commit ID	a14aa90952a405a7c34e9ec6947a42c30c1effd5
File System build system	Yocto Sumo
Recovery SD card link	var-som-mx8-recovery-sd.v17.img.gz

Change List	Description
Release 1.7	
Fixed WiFi detection on latest revision of VAR-SOM-MX8	
Release 1.6	
Upgraded SCFW to version 1.2.8	Required to support latest CPU and PMIC revisions
Release 1.5	
Added Android support for SPEAR-MX8	
Fixed capacitive touch interrupt for VAR-SOM-MX8	Fixes capacitive touch on Symphony board v1.2, backwards compatible with older Symphony revisions
Release 1.4	
Added Yocto support for SPEAR-MX8	
Release 1.3	
Added Android support for VAR-SOM-MX8	
Release 1.2	
Added HDMI and DP support for VAR-SOM-MX8	HDMI and DP displays are now supported via Variscite extension modules
Fixed DRAM instability problem	Updated to latest NXP ATF release that fixes Cortex A72 cache configuration
Disabled U-Boot splash on LVDS display	Fixes U-Boot hang on reboot when HDMI or DP displays are connected
Fixed occasional WiFi driver crashes on reboot/poweroff	Do not stop Variscite WiFi service or reboot/poweroff as this causes occasional WiFi driver crashes
Release 1.1	
Initial Yocto release for VAR-SOM-MX8	

Known Issues	
SATA is disabled on SPEAR-MX8	i.MX8QM SATA support in Linux is currently not stable, disabled in DTS
USB Type-A ports are not supported in U-Boot on SPEAR-MX8	