DART-MX8M-MINI Yocto Sumo v1.5 release notes

Based on release	Yocto: Poky 2.5, BSP: NXP Sumo BSP L4.14.78-1.0.0_ga, Linux: Freescale imx_4.14.78-1.0.0_ga
Nature of release	Variscite Yocto Sumo i.MX8M Mini Release V1.5
Date	8/27/2019
Supported platform	DART-MX8M-MINI
SOM revision	v1.0 and higher
Carrier board revision	V1.1 and higher
Variscite BSP git	https://github.com/varigit/meta-variscite-imx
Variscite BSP branch	sumo-imx-4.14.78-var01
Variscite BSP commit ID	a32fdaa9240dbde44779b7d004929e246fe7baed
Kernel git	https://github.com/varigit/linux-imx
Kernel branch	imx_4.14.78_1.0.0_ga_var01
Kernel commit ID	7808f06d8af265406a4e50d3f2517b44b2e8e239
U-Boot git	https://github.com/varigit/uboot-imx
U-Boot branch	imx_v2018.03_4.14.78_1.0.0_ga_var01
U-Boot commit ID	ddc95a6e5b319d6a649a81a5fc5a26ca3c117659
File System build system	Yocto Sumo
Recovery SD card link	dart-mx8mm-recovery-sd.v15.img.gz

Change list	Description
Release 1.5	
Skip WiFi init if WiFi module is not assembled	avoid long delays on boot
Added support for Microchip mcp2517fd CAN FD	
Release 1.4	
Added U-Boot and kernel support for passing kernel CMA size via kernel command line	Instead of defining CMA size in kernel DTS, pass it via kernel command line
Fixed GPU driver crash on SOMs with 4GB of RAM	GPU driver should not access physical addresses above 4GB
Changed GPU DRAM area size	Changed area size from 2GB to 3GB. Fixes Weston problems on SOMs with 4GB of RAM
Release 1.3	
Added U-Boot support for reading DRAM info from EEPROM	Support multipe DRAM sizes and configurations using a singe U-Boot image
Release 1.2	
Added Android installation to the recovery SD card	
Release 1.1	
Fixed kernel bug resulting in missing PCIE interrupts	
Fixed kernel bug resulting in PCIE link detection failure	
Fixed kernel bug resulting in WiFi AP creation failure	
Modified DTS to move audio codec to I2C bus 3	Following hardware change