spi: fixes for fs053/ec900

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| --- | --- | --- |
| Path: arch/arm/dts/imx6dl-fs053.dts | | |
| Operations | Page no | Code |
| Addition | 279 | cs-gpios = <&gpio5 29 GPIO\_ACTIVE\_LOW>; |
| Deletion | 279 | cs-gpios = <&gpio5 29 0>; |

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| Path: board/freescale/mx6sabresd/mx6sabresd.c | | |
| Operations | Page no | Code |
| Addition |  |  |
| Deletion | 127 | SETUP\_IOMUX\_PADS(ecspi2\_pads); |
| 128 | gpio\_request(IMX\_GPIO\_NR(5, 29), "ECSPI2 CS"); |
| 129 | gpio\_direction\_output(IMX\_GPIO\_NR(5, 29), 0); |

fs053: always setup mmc env vars

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| --- | --- | --- |
| Path: board/freescale/mx6sabresd/mx6sabresd.c | | |
| Operations | Page no | Code |
| Addition | 1377 | #if defined(CONFIG\_FS053) || defined(CONFIG\_ENV\_IS\_IN\_MMC) |
| Deletion | 1377 | #ifdef CONFIG\_ENV\_IS\_IN\_MMC |

defconfig: save environment in SPI NOR flash

|  |  |  |
| --- | --- | --- |
| Path: configs/mx6dlsabresd\_steries\_ec900\_2gb\_rb\_defconfig | | |
| Operations | Page no | Code |
| Addition | 5 | CONFIG\_ENV\_SECT\_SIZE=0x1000 |
| 6 | CONFIG\_ENV\_OFFSET=0x00000 |
| 38 | CONFIG\_ENV\_IS\_IN\_SPI\_FLASH=y |
| 39 | CONFIG\_USE\_ENV\_SPI\_BUS=y |
| 40 | CONFIG\_ENV\_SPI\_BUS=1 |
| 41 | CONFIG\_USE\_ENV\_SPI\_CS=y |
| 42 | CONFIG\_ENV\_SPI\_CS=0 |
| 43 | CONFIG\_USE\_ENV\_SPI\_MAX\_HZ=y |
| 44 | CONFIG\_ENV\_SPI\_MAX\_HZ=20000000 |
| 45 | CONFIG\_USE\_ENV\_SPI\_MODE=y |
| 46 | CONFIG\_ENV\_SPI\_MODE=0x0 |
| Deletion | 5 | CONFIG\_ENV\_OFFSET=0xE0000 |
| 37 | CONFIG\_ENV\_IS\_IN\_MMC=y |

mmcboot: read dfi-info before setting args

|  |  |  |
| --- | --- | --- |
| Path: include/configs/mx6sabre\_common.h | | |
| Operations | Page no | Code |
| Addition | 238 | "run mmcargs; " \ |
| Deletion | 235 | "run mmcargs; " \ |

machine: switch to revB board configurations

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| --- | --- | --- |
| Path: conf/machine/fs053.conf | | |
| Operations | Page no | Code |
| Addition | 9 | UBOOT\_CONFIG[prod] = "mx6dlsabresd\_steries\_ec900\_2gb\_rb\_defconfig" |
| 10 | UBOOT\_CONFIG[mfgtool] = "mx6dlsabresd\_steries\_ec900\_2gb\_rb\_defconfig" |
| 14 | KERNEL\_DEVICETREE\_fs053 = "imx6dl-fs053-rb.dtb" |
| 16 | WKS\_FILE = "imx-uboot-bootpart.wks.in" |
| 17 | IMAGE\_BOOT\_FILES = "${KERNEL\_DEVICETREE} zImage" |
| Deletion | 9 | UBOOT\_CONFIG[prod] = "mx6dlsabresd\_steries\_ec900\_2gb\_ra\_defconfig" |
| 10 | UBOOT\_CONFIG[mfgtool] = "mx6dlsabresd\_steries\_ec900\_2gb\_ra\_defconfig" |
| 14 | WKS\_FILE = "imx-uboot-bootpart.wks.in" |
| 15 | IMAGE\_BOOT\_FILES = "imx6dl-fs053-ra.dtb zImage" |
| 17 | KERNEL\_DEVICETREE\_fs053 = "imx6dl-fs053-ra.dtb" |

Creating symlinks as part of rootfs post process command

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| Path: recipes-app/steris-services/steris-services-bin.bb | | |
| Operations | Page no | Code |
| Addition | 19 | INSANE\_SKIP\_${PN} = "dev-so ldflags" |
| 20 | INHIBIT\_PACKAGE\_DEBUG\_SPLIT = "1" |
| 21 | INHIBIT\_PACKAGE\_STRIP= "1" |
| 28 | zlib \ |
| Deletion | 18 | ln -s /usr/lib/plctag.so ${D}/home/ucp-steris/micronetes/services/ABPLC/plctag.so |
| 19 | ln -s /usr/lib/plctagDemand.so ${D}/home/ucp-steris/micronetes/services/ABPLC/plctagDemand.so |
| 21 | ln -s /usr/lib/libnserial.so ${D}/home/ucp-steris/micronetes/services/ConsoleBus/libnserial.so |
| 22 | ln -s /usr/lib/libnserial.so.1 ${D}/home/ucp-steris/micronetes/services/ConsoleBus/libnserial.so.1 |
| 23 | ln -s /usr/lib/libnserial.so.1.1 ${D}/home/ucp-steris/micronetes/services/ConsoleBus/libnserial.so.1.1 |
| 25 | ln -s /usr/lib/libnserial.so ${D}/home/ucp-steris/micronetes/services/IOBus/libnserial.so |
| 26 | ln -s /usr/lib/libnserial.so.1 ${D}/home/ucp-steris/micronetes/services/IOBus/libnserial.so.1 |
| 27 | ln -s /usr/lib/libnserial.so.1.1 ${D}/home/ucp-steris/micronetes/services/IOBus/libnserial.so.1.1 |
| 29 | INSANE\_SKIP\_${PN} = "dev-so" |
| 38 | FILES\_${PN} += " \ |
| 39 | /home/ucp-steris/micronetes/services/ABPLC/plctag.so \ |
| 40 | /home/ucp-steris/micronetes/services/ABPLC/plctagDemand.so \ |
| 41 | /home/ucp-steris/micronetes/services/ConsoleBus/libnserial.so \ |
| 42 | /home/ucp-steris/micronetes/services/ConsoleBus/libnserial.so.1 \ |
| 43 | /home/ucp-steris/micronetes/services/ConsoleBus/libnserial.so.1.1 \ |
| 44 | /home/ucp-steris/micronetes/services/IOBus/libnserial.so \ |
| 45 | /home/ucp-steris/micronetes/services/IOBus/libnserial.so.1 \ |
| 46 | /home/ucp-steris/micronetes/services/IOBus/libnserial.so.1.1 \ |
| 47 | " |

|  |  |  |
| --- | --- | --- |
| Path: recipes-core/images/steris-image-prod.bb | | |
| Operations | Page no | Code |
| Addition | 53 | enable\_symlinks() { |
| 56 | ln -s /usr/lib/plctag.so ${IMAGE\_ROOTFS}/home/ucp-steris/micronetes/services/ABPLC/plctag.so |
| 57 | ln -s /usr/lib/plctagDemand.so ${IMAGE\_ROOTFS}/home/ucp-steris/micronetes/services/ABPLC/plctagDemand.so |
| 59 | ln -s /usr/lib/libnserial.so ${IMAGE\_ROOTFS}/home/ucp-steris/micronetes/services/ConsoleBus/libnserial.so |
| 60 | ln -s /usr/lib/libnserial.so.1 ${IMAGE\_ROOTFS}/home/ucp-steris/micronetes/services/ConsoleBus/libnserial.so.1 |
| 61 | ln -s /usr/lib/libnserial.so.1.1 ${IMAGE\_ROOTFS}/home/ucp-steris/micronetes/services/ConsoleBus/libnserial.so.1.1 |
| 63 | ln -s /usr/lib/libnserial.so ${IMAGE\_ROOTFS}/home/ucp-steris/micronetes/services/IOBus/libnserial.so |
| 64 | ln -s /usr/lib/libnserial.so.1 ${IMAGE\_ROOTFS}/home/ucp-steris/micronetes/services/IOBus/libnserial.so.1 |
| 65 | ln -s /usr/lib/libnserial.so.1.1 ${IMAGE\_ROOTFS}/home/ucp-steris/micronetes/services/IOBus/libnserial.so.1.1 |
| 67 | ROOTFS\_POSTPROCESS\_COMMAND += "enable\_symlinks; " |
| Deletion | 53 | enable\_tty() { |
| 56 | ROOTFS\_POSTPROCESS\_COMMAND += "enable\_tty; " |

libubootenv-conf: install fw\_env.config file

|  |  |  |
| --- | --- | --- |
| Path: recipes-bsp/u-boot/fw\_env.config | | |
| Operations | Page no | Code |
| Addition | 1 | LICENSE = "CLOSED" |
| 3 | FILESEXTRAPATHS\_prepend := "${THISDIR}:" |
| 4 | SRC\_URI += "file://fw\_env.config" |
| 6 | do\_install() { |
| 7 | install -d -m 0755 ${D}${sysconfdir} |
| 8 | install -m 0644 ${WORKDIR}/fw\_env.config ${D}${sysconfdir}/fw\_env.config |
| 9 | } |
| Deletion |  |  |

steris-image-prod: add libubootenv-conf package

|  |  |  |
| --- | --- | --- |
| Path: recipes-core/images/steris-image-prod.bb | | |
| Operations | Page no | Code |
| Addition | 12 | libubootenv-conf \ |
| Deletion |  |  |

busybox: enable flash tools in test image

|  |  |  |
| --- | --- | --- |
| Path: test/recipes-core/busybox/files/fs053-test.cfg | | |
| Operations | Page no | Code |
| Addition | 6 | CONFIG\_FLASHCP=y |
| 7 | CONFIG\_ERASEALL=y |
| 8 | CONFIG\_FLASH\_LOCK=y |
| 9 | CONFIG\_FLASH\_UNLOCK=y |
| Deletion |  |  |