www.BoardFree.kr  BL-213

GPIO BANK O/I VOLTAGE SELECT:

Jumper positions VG0 / VG1:
1-3 / 2-4 = 3V3
3-5 / 4-6 = 1V8
NC = external source

MODULE BOOT OPTIONS:

- BCM2835 BootROM boot from USB:
  1-3 = 1V8 boot from USB socket J13 (USB0=0)
  3-5 = 1V8 boot from USB socket J12 (USB1=1)
  - ENVC_DISABLE_N must be 0 before booting
  - BCM2835 factory default is 1V8 boot

- BCM2835 motherboard boot from EMMC:
  1-3 = 1V8 boot from EMMC socket J11
  3-5 = 1V8 boot from EMMC socket J10
  - EMMC_DISABLE_N pin must be 0 before booting

- BCM2835 motherboard boot from SD:
  1-3 = 1V8 boot from SD socket J14
  3-5 = 1V8 boot from SD socket J13

- BCM2835 factory default is 1V8 boot
- EMMC_DISABLE_N must be 0 before booting
- EMMC_EN_N can be used as status LED

USB BOOT ENABLE:

Jumper positions:
1-3 = USB boot enable
1-2 = USB boot disable

- USB boot enable
- USB boot disable
- USB boot override

VIDEOCORE JTAG

Route ringed signals as matched length 180 differential pairs
Route bold-ringed signals as matched length 90 differential pair

SD Card for mobiles with an on-board Flash (eMMC)

USB_OTGID used for mobile test only
(Do not use in normal operation, do not draw current from this pin!)