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REVISION HISTORY:

23/01/2014 - V1.0
18/02/2014 - V1.1
03/04/2014 - V1.2 - Production Version
GPIO BANK 0/1 VOLTAGE SELECT:

Jumper Positions: VDD / VSS:
- 1/2 / 2/3 = 2V5
- 1/4 / 3/4 = 1V8
RC = external source

MODULE BOOT OPTIONS:
- BCM2835 boot from USB
- J4 set to enable USB boot
- Plug boot into micro USB socket J25 (VUSB-0V)
- BCM2835 fourth power boot (regen with USB powering)
- On power up BCM2835 can't access eMMC no boot from USB
- Once booted, BCM2835 boot SW forum GPIO47_1V8 LOW to enable access to eMMC

- BCM2835 boot from eMMC:
- Setting jumpers into micro USB socket J25 (VUSB-0V)
- On power up BCM2835 boots from eMMC
- GPIO47_1V8 need as status LED

- BCM2835 boot from eMMC with GPIO boot select:
- Setting jumpers into micro USB socket J25 (VUSB-0V)
- On power up BCM2835 boots from eMMC
- BCM2835 boot SW reads GPIO47_1V8 (GPIO47_CTL_1V8) if low perform 'alternate' boot
- Once booted GPIO47_1V8 used as status LED

USB BOOT ENABLE:

Jumper Positions:
- 1/2 = USB BOOT ENABLE
- 2/3 = USB BOOT DISABLED

STATUS "ACT" LED

- Once booted GPIO47_1V8 used as status LED
- On power up BCM2835 boots from eMMC
- BCM2835 boot SW reads GPIO47_1V8 (GPIO47_CTL_1V8) if low perform 'alternate' boot
- Once booted GPIO47_1V8 used as status LED