

PM\_RSTS: 0x00001000  
RPI: BOOTLOADER release VERSION:a5e1b95f DATE: Apr 16 2020 TIME: 18:11:29 BOOTMODE:  
0x00000006 part: 0 BUILD\_TIMESTAMP=1587057086 0xa7b1b8bc 0x00b03111  
uSD voltage 3.3V  
SD HOST: 250000000 CTL0: 0x00000000 BUS: 100000 Hz actual: 100000 HZ div: 2500 (1250) status:  
0x1fff0000 delay: 1080  
SD HOST: 250000000 CTL0: 0x00000f00 BUS: 100000 Hz actual: 100000 HZ div: 2500 (1250) status:  
0x1fff0000 delay: 1080  
EMMC  
SD HOST: 250000000 CTL0: 0x00000000 BUS: 100000 Hz actual: 100000 HZ div: 2500 (1250) status:  
0x1fff0000 delay: 1080  
SD HOST: 250000000 CTL0: 0x00000000 BUS: 100000 Hz actual: 100000 HZ div: 2500 (1250) status:  
0x1fff0000 delay: 1080  
SDV1  
SD HOST: 250000000 CTL0: 0x00000000 BUS: 100000 Hz actual: 100000 HZ div: 2500 (1250) status:  
0x1fff0000 delay: 1080  
SD CMD: 0x371a0010 (55) 0x0 0x1fff0001  
Failed to open device: 'sdcard'  
SD card not detected  
SD HOST: 250000000 CTL0: 0x00000000 BUS: 100000 Hz actual: 100000 HZ div: 2500 (1250) status:  
0x1fff0000 delay: 1080  
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0x1fff0000 delay: 1080  
SD CMD: 0x371a0010 (55) 0x0 0x1fff0001  
Failed to open device: 'sdcard'  
SD card not detected  
SD boot failed  
Initialising SDRAM 'Micron' 16Gb x1 total-size: 16 Gbit 3200  
GENET: RESET\_PHY  
NET\_BOOT: dc:a6:32:01:fa:d0 wait for link TFTP: 0.0.0.0  
LINK STATUS: speed: 1000 full duplex  
GENET START: 64 16 32  
GENET: UMAC\_START 0xdca63201 0xfad00000  
RX: 0 IP: 0 IPV4: 0 MAC: 0 UDP: 0 UDP RECV: 0 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
DHCP src: e8:6a:64:67:79:51 192.168.7.1  
YI\_ADDR 192.168.7.8  
SI\_ADDR 192.168.7.1  
OPTIONS:-  
    op: 53 len: 1 DHCP recv OFFER (2) expect OFFER  
    op: 54 len: 4 192.168.7.1  
    op: 51 len: 4  
    op: 1 len: 4 255.255.255.0  
    op: 43 len: 17  
  
    op: 60 len: 9  
    op: 66 len: 11 192.168.7.1  
client: 192.168.7.8 tftp: 192.168.7.1 subnet: 255.255.255.0 gateway: 0.0.0.0 broadcast: 0.0.0.0  
DHCP src: e8:6a:64:67:79:51 192.168.7.1  
YI\_ADDR 192.168.7.8  
SI\_ADDR 192.168.7.1  
OPTIONS:-  
    op: 53 len: 1 DHCP recv ACK (5) expect ACK  
    op: 54 len: 4 192.168.7.1  
    op: 51 len: 4  
    op: 1 len: 4 255.255.255.0  
    op: 66 len: 11 192.168.7.1  
    op: 60 len: 9  
    op: 43 len: 17  
  
DHCP complete: 192.168.7.8 dc:a6:32:01:fa:d0 subnet 255.255.255.0 gateway 0.0.0.0 TFTP 192.168.7.1  
e8:6a:64:67:79:51  
RX: 27 IP: 0 IPV4: 46 MAC: 2 UDP: 2 UDP RECV: 2 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
TFTP\_GET: e8:6a:64:67:79:51 192.168.7.1 start4.elf  
  
RX: 27 IP: 0 IPV4: 46 MAC: 2 UDP: 2 UDP RECV: 2 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
RX: 28 IP: 0 IPV4: 48 MAC: 3 UDP: 3 UDP RECV: 3 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
TFTP\_GET: e8:6a:64:67:79:51 192.168.7.1 config.txt  
  
RX: 28 IP: 0 IPV4: 48 MAC: 3 UDP: 3 UDP RECV: 3 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
TFTP: complete 293  
RX: 30 IP: 0 IPV4: 52 MAC: 5 UDP: 5 UDP RECV: 5 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
Read config.txt bytes 293 hnd 0x00000000 hash 909e830b89a7995c  
TFTP\_GET: e8:6a:64:67:79:51 192.168.7.1 recover4.elf  
  
RX: 30 IP: 0 IPV4: 52 MAC: 5 UDP: 5 UDP RECV: 5 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
TFTP 1: File not found  
RX: 31 IP: 0 IPV4: 54 MAC: 6 UDP: 6 UDP RECV: 6 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
Read recover4.elf failed  
TFTP\_GET: e8:6a:64:67:79:51 192.168.7.1 recovery.elf  
  
RX: 31 IP: 0 IPV4: 54 MAC: 6 UDP: 6 UDP RECV: 6 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
TFTP 1: File not found  
RX: 32 IP: 0 IPV4: 56 MAC: 7 UDP: 7 UDP RECV: 7 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
Read recovery.elf failed  
TFTP\_GET: e8:6a:64:67:79:51 192.168.7.1 start4.elf  
  
RX: 32 IP: 0 IPV4: 56 MAC: 7 UDP: 7 UDP RECV: 7 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR: 0  
TFTP: complete 2784800  
RX: 2753 IP: 0 IPV4: 5498 MAC: 2728 UDP: 2728 UDP RECV: 2728 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR:  
0  
Read start4.elf bytes 2784800 hnd 0x00000000 hash ab063d481e6508c7  
TFTP\_GET: e8:6a:64:67:79:51 192.168.7.1 fixup4.dat  
  
RX: 2753 IP: 0 IPV4: 5498 MAC: 2728 UDP: 2728 UDP RECV: 2728 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR:  
0  
TFTP: complete 6200  
RX: 2761 IP: 0 IPV4: 5514 MAC: 2736 UDP: 2736 UDP RECV: 2736 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR:  
0  
Read fixup4.dat bytes 6200 hnd 0x00000000 hash dc67fd2fa817634f  
0x00b03111 0x00000000 0x00000007  
MEM GPU: 76 ARM: 948 TOTAL: 1024  
FIXUP src: 128 256 dst: 948 1024  
RX: 2761 IP: 0 IPV4: 5514 MAC: 2736 UDP: 2736 UDP RECV: 2736 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR:  
0  
RX: 2761 IP: 0 IPV4: 5514 MAC: 2736 UDP: 2736 UDP RECV: 2736 IP\_CSUM\_ERR: 0 UDP\_CSUM\_ERR:  
0  
RX\_DISCARD: 0  
GR64: 0x00000005 GR64: 0x00000011 GR127: 0x0000000a GR255: 0x00000003  
GR511: 0x00000001 GR1023: 0x00000aa5 GR1518: 0x00000000 GRMGV: 0x00000000  
GR2047: 0x00000000 GR4095: 0x00000000 GR9216: 0x00000ac9 GRPKT: 0x002cbbf8  
GRBYT: 0x00000016 GRMCA: 0x00000002 GRBCA: 0x00000000 GRFCS: 0x00000000  
GRXCF: 0x00000000 GRXPF: 0x00000000 GRXUO: 0x00000000 GRALN: 0x00000000  
GRFLR: 0x00000000 GRMDE: 0x00000000 GRFCR: 0x00000000 GROVR: 0x00000000  
GRJBR: 0x00000000 GRMTUE: 0x00000ac9 GRPOK: 0x00000ab1 GRUC: 0x00000000  
GRPPP: 0x00000000 GRCRC: 0x00000000  
  
TR64: 0x00000aac TR127: 0x00000007 TR255: 0x00000000 TR511: 0x00000003  
TR1023: 0x00000000 TR1518: 0x00000000 TRMGV: 0x00000000 TR2047: 0x00000000  
TR4095: 0x00000000 TR9216: 0x00000000 GTPKT: 0x00000ab6 GTMCA: 0x00000000  
GTBCA: 0x00000004 GTXPF: 0x00000000 GTXCF: 0x00000000 GTFCS: 0x00000000  
GTOVR: 0x00000000 GTDRF: 0x00000000 GTEDF: 0x00000000 GTSCL: 0x00000000  
GTMCL: 0x00000000 GTLCL: 0x00000000 GTXCL: 0x00000000 GTFRG: 0x00000000  
GTNCL: 0x00000000 GTJBR: 0x00000000 GTBYT: 0x0002b18d GTPOK: 0x00000ab6  
GTUC: 0x00000ab2  
GENET STOP: 0  
Starting start4.elf @ 0xfec00200