

Address Map for hps

Interface	Name	Start Address	End Address
stm	STM Module	0xFC000000	0xFEFFFFFF
dap	DAP Module	0xFF000000	0xFF1FFFFF
lwfgaslaves	FPGA Slaves Accessed Via Lightweight HPS2FPGA AXI Bridge	0xFF200000	0xFF3FFFFF
lw hps2fpgaregs	LWHPS2FPGA AXI Bridge Module	0xFF400000	0xFF47FFFF
hps2fpgaregs	HPS2FPGA AXI Bridge Module	0xFF500000	0xFF507FFF
fpga2hpsregs	FPGA2HPS AXI Bridge Module	0xFF600000	0xFF67FFFF
emac	EMAC Module	0xFF700000 0xFF702000	0xFF701FFF 0xFF703FFF
sdmmc	SDMMC Module	0xFF704000	0xFF7043FF
qspi regs	QSPI Flash Controller Module Registers	0xFF705000	0xFF7050FF
fpgamgrregs	FPGA Manager Module	0xFF706000	0xFF706FFF
acpidmap	ACP ID Mapper Registers	0xFF707000	0xFF707FFF
gpio	GPIO Module	0xFF708000	0xFF70807F
		0xFF709000	0xFF70907F
		0xFF70A000	0xFF70A07F
l3regs	L3 (NIC-301) GPV Registers	0xFF800000	0xFF87FFFF
nanddata	NAND Controller Module Data (AXI Slave)	0xFF900000	0xFF9FFFFFF
qspidata	QSPI Flash Module Data (AHB Slave)	0xFFA00000	0xFFAFFFFFF

usb	USB OTG Controller Module Registers	0xFFB00000 0xFFB40000	0xFFB3FFFF 0xFFB7FFFF
nandregs	NAND Flash Controller Module Registers (AXI Slave)	0xFFB80000	0xFFB807FF
fpgamgrdata	FPGA Manager Module Configuration Data	0xFFB90000	0xFFB90003
uart	UART Module	0xFFC02000 0xFFC03000	0xFFC020FF 0xFFC030FF
i2c	I2C Module	0xFFC04000 0xFFC05000 0xFFC06000 0xFFC07000	0xFFC040FF 0xFFC050FF 0xFFC060FF 0xFFC070FF
timer	Timer Module	0xFFC08000 0xFFC09000 0xFFD00000 0xFFD01000	0xFFC080FF 0xFFC090FF 0xFFD000FF 0xFFD010FF
sdr	SDRAM Controller	0xFFC20000	0xFFC3FFFF
l4wd	L4 Watchdog Module	0xFFD02000 0xFFD03000	0xFFD020FF 0xFFD030FF
clkmgr	Clock Manager Module	0xFFD04000	0xFFD041FF
rstmgr	Reset Manager Module	0xFFD05000	0xFFD050FF
sysmgr	System Manager Module	0xFFD08000	0xFFD0BFFF
dmanonsecure	nonsecure DMA Module Address Space	0xFFE00000	0xFFE00FFF
dmasecure	secure DMA Module Address Space	0xFFE01000	0xFFE01FFF
spis	SPI Slave Module	0xFFE02000	0xFFE0207F

		0xFFE03000	0xFFE0307F
spim	SPI Master Module	0xFFF00000 0xFFF01000	0xFFF000FF 0xFFF010FF
scanmgr	Scan Manager Module Registers	0xFFF02000	0xFFF0201F
rom	Boot ROM Module	0xFFFD0000	0xFFFDFFFF
mpu	MPU Module Address Space	0xFFFEC000	0xFFFEDFFF
mpul2	MPU L2 cache controller Module Address Space	0xFFFEF000	0xFFFEFFFF
ocram	On-chip RAM Module	0xFFFF0000	0xFFFFFFF

[Register Summaries for hps](#)

[hps](#)

Address map for the HHP HPS system-domain