SUMMARY OF REGISTERS

REGISTERS (WRITE) S-PPU

ADDRESS	D7	D6	D5	D4	D3	D2	D1	D0
2100H	Blanking				FADE IN/OUT (0~15)			
2101H	OBJ Size Select			OBJ Home Select		OBJ Home Base Address		
2103H	OAM Address							
2103H	OAM Priority Rotation						OAM Address MSB	
2104H	OAM Data (Low, High)							
2105H	BG4	BG3	BG2	BG1	BG3 Priority	BG Mode (0~7)		
2106H	Mosaic Size (0~15)				BG4	BG3	BG2	BG1
2107H	BG1 SC Base Address						BG1 SC Size	
2108H	BG2 SC Base Address						BG2 SC Size	
2109H	BG3 SC Base Address						BG3 SC Size	
210AH	BG4 SC Base Address						BG4 SC Size	
210BH	BG2 Home Base Address				BG1 Home Base Address			
210CH	BG4 Home Base Address				BG3 Home Base Address			
210DH	BG1 H-Offset (Low, High)							
210EH	BG1 V-Offset (Low, High)							
210FH	BG2 H-Offset (Low, High)							
2110H	BG2 V-Offset (Low, High)							
2111H	BG3 H-Offset (Low, High)							
2112H	BG3 V-Offset (Low, High)							
2113H	BG4 H-Offset (Low, High)							
2114H	BG4 V-Offset (Low, High)							
2115H	H-L Inc				Full Graphic		SC Increment	
2116H	V-RAM Address (Low)							
2117H	V-RAM Address (High)							
2118H	V-RAM Data (Low)							
2119H	V-RAM Data (High)							
211AH	Screen Over						Screen Flip V	H

REGISTERS (WRITE) S-PPU

ADDRESS	D7	D6	D5	D4	D3	D2	D1	D0
211BH	Matrix Parameter A (Low, High)							
211CH	Matrix Parameter B (Low, High)							
211DH	Matrix Parameter C (Low, High)							
211EH	Matrix Parameter D (Low, High)							
211FH	Center Position X (Low, High)							
2120H	Center Position Y (Low, High)							
2121H	CG-RAM Address							
2122H	CG-RAM Data (Low, High)							
2123H	W2 EN	IN/OUT	W1 EN	IN/OUT	W2 EN	IN/OUT	W1 EN	IN/OUT
2124H	W2 EN	IN/OUT	W1 EN	IN/OUT	W2 EN	IN/OUT	W1 EN	IN/OUT
2125H	W2 EN	IN/OUT	W1 EN	IN/OUT	W2 EN	IN/OUT	W1 EN	IN/OUT
2126H	Window H0 Position (0~255)							
2127H	Window H1 Position (0~255)							
2128H	Window H2 Position (0~255)							
2129H	Window H3 Position (0~255)							
212AH	BG4		BG3		BG2		BG1	
212BH					Color		OBJ	
212CH				OBJ	BG4	BG3	BG2	BG1
212DH				OBJ	BG4	BG3	BG2	BG1
212EH				OBJ	BG4	BG3	BG2	BG1
212FH				OBJ	BG4	BG3	BG2	BG1
2130H	Main SW (M1/M0)		Sub SW (S1/S0)				CG ADD Enable	Direct Select
2131H	ADD/SUB	1/2 Enable	BACK	OBJ	BG4	BG3	BG2	BG1
2132H	Blue	Green	Red	Color Brilliance Data				
2133H	EXT Sync	EXT Input			Pseudo 512	224/239	OBJ-V Select	Interlace
2134H	MPY (Low)							
2135H	MPY (Mid)							
2136H	MPY (High)							

Notes (column group labels):
- 2123H: D7-D4 = BG2 Window, D3-D0 = BG1 Window
- 2124H: D7-D4 = BG4 Window, D3-D0 = BG3 Window
- 2125H: D7-D4 = Color Window, D3-D0 = OBJ Window
- 212BH: Window Logic (Color / OBJ)
- 212AH: Window Logic
- 212CH: Through Main; 212DH: Through Sub; 212EH: Through Main (Window); 212FH: Through Sub (Window)
- 2130H: Window ON/OFF
- 2131H: ADD or SUB Enable (D5-D0)
- 2132H: Color Constant Data

REGISTERS (READ) S-PPU

ADDRESS	D7	D6	D5	D4	D3	D2	D1	D0
2137H	Soft Latch for H/V Counter							
2138H	OAM Data (Low, High)							
2139H	V-RAM Data (Low)							
213AH	V-RAM Data (High)							
213BH	CG Data (Low, High)							
213CH	Output Data of H-Counter (Low, High)							
213DH	Output Data of V-Counter (Low, High)							
213EH	Time Over	Range Over	Master /Slave	///	5C77 Version Number			
213FH	Field	EXT Latch	///	NTSC/PAL	5C78 Version Number			
2140H	APU I/O Port							
2141H	APU I/O Port							
2142H	APU I/O Port							
2143H	APU I/O Port							

REGISTERS (WRITE) S-CPU

ADDRESS	D7	D6	D5	D4	D3	D2	D1	D0
4200H	NMI Enable	///	Timer Enable V-EN	H-EN	///	///	///	Joy-C Enable
4201H	I/O Port							
4202H	Multiplicand-A							
4203H	Multiplier-B							
4204H	Dividend-C (Low)							
4205H	Dividend-C (High)							
4206H	Divisor-B							
4207H	H-Counter Timer							
4208H	///	///	///	///	///	///	///	H-MSB
4209H	V-Counter Timer							
420AH	///	///	///	///	///	///	///	V-MSB
420BH	General Purpose DMA (Enable Flag)							
	CH7 EN	CH6 EN	CH5 EN	CH4 EN	CH3 EN	CH2 EN	CH1 EN	CH0 EN
420CH	H-DMA (Enable Flag)							
	CH7 EN	CH6 EN	CH5 EN	CH4 EN	CH3 EN	CH2 EN	CH1 EN	CH0 EN
420DH	///	///	///	///	///	///	///	2.68 /3.58

REGISTERS (READ) S-CPU

ADDRESS	D7	D6	D5	D4	D3	D2	D1	D0
4210H	Blank NMI	///	///	5A22 Version Number				
4211H	Timer IRQ	///	///	///	///	///	///	///
4212H	V-Blank	H-Blank	///	///	///	///	///	Joy-C Enable
4213H	I/O Port							
4214H	Quotient-A (Low)							
4215H	Quotient-A (High)							
4216H	Product-C / Remainder (Low)							
4217H	Product-C / Remainder (High)							
4218H	Joy Controller I (Low)				///	///	///	///
	X	Y	TL	TR				
4219H	Joy Controller I (High)							
	A	B	Select	Start	Up	Down	Left	Right
421AH	Joy Controller II (Low)				///	///	///	///
421BH	Joy Controller II (High)							
421CH	Joy Controller III (Low)				///	///	///	///
421DH	Joy Controller III (High)							
421EH	Joy Controller IV (Low)				///	///	///	///
421FH	Joy Controller IV (High)							

REGISTERS (WRITE) S-CPU (X : Channel <0~7>)

ADDRESS	D7	D6	D5	D4	D3	D2	D1	D0
43X0H	CHX T-Org*	CHX Type	///	A-Bus Address INC/DEC	Fixed	CHX Transfer Word Select		
43X1H	CHX B-Address							
43X2H	CHX A1 Table Address (Low)							
43X3H	CHX A1 Table Address (High)							
43X4H	CHX A-Table Bank							
43X5H	CHX Data Address (H-DMA) / Number of Byte to be transfered (General purpose DMA) (Low)							
43X6H	CHX Data Address (H-DMA) / Number of Byte to be transfered (General purpose DMA) (High)							
43X7H	CHX Data Bank (H-DMA)							
43X8H	CHX A2 Table Address (Low)							
43X9H	CHX A2 Table Address (Low)							
43XAH	Continue	Number of Line						

Note : T-Org means the "Transfer Origination"