S1D13748 Power Consumption (Typical)

	Main1 Enable (Full Screen)	Main1+Main2 Enable (640x240x2)	Main1 Pixel Doubling (320x120 => 640x240)	Main2 Pixel Doubling (320x120 => 640x240)	PIP1 Enable (140x190)	PIP2 Enable (140x190)	PIP1 YUV Enable	PIP2 YUV Enable	LUT1 Enable	LUT2 (PIP2) Enable	PIP1 Overlay Enable	PIP2 Overlay Enable	Alpha Blend 1 Enable	Alpha Blend 1,2,3,4 Enable	PIP1 Edge Enhance	PIP2 Edge Enhance	PIP1 Scaling 1/2 Enable	PIP1 Scaling x2 Enable	PIP1 Horizontal/Vertical Filter Mode 0 (Cubic1-0)	PIP1 Horizontal/Vertical Filter Mode 3 (Linear)	PIP2 Scaling 90% Enable	PIP2 Scaling x4 Enable	PIP2 Horizontal/Vertical Filter Mode 0	PIP2 Horizontal/Vertical Filter Mode 3 (Linear)	PIP2 Partial Panorama Scaling Enable	PIP2 Linear Panorama Scaling Enable	Dither Enable	FRM Enable	Error Diffusion Enable	COREVDD (mA) (COREVDD=1.5V)	PLLVDD (mA) (PLLVDD=1.5V)	HIOVDD (mA) (HIOVDD=1.8V)	PIOVDD (mA) (PIOVDD=1.8V)	GIOVDD (mA) (GIOVDD=1.8V)	Total Power (mW)
640x480 18-bit TFT Panel,LCD1 (PCLK= 25 MHz, SYSCLK=50 MHz PLL)	x																													9.54	0.46	0.00	2.93	0.00	20.27
		x																												9.55	0.46	0.00	2.94	0.00	20.31
		x	x																											8.80	0.46	0.00	2.95	0.00	19.21
		x		x																										8.05	0.46	0.00	2.96	0.00	18.09
					x																									7.44	0.46	0.00	2.87	0.00	17.01
					x		x																							7.49	0.46	0.00	2.90	0.00	17.16
						x																								7.41	0.46	0.00	2.86	0.00	16.95
						x		x																						7.46	0.46	0.00	2.88	0.00	17.07
	x				x	x																								12.67	0.46	0.00	3.33	0.00	25.69
	x				x	x			x																					13.24	0.46	0.00	3.33	0.00	26.54
	x				x	x			x	x																				13.29	0.46	0.00	3.33	0.00	26.61
		x			x	x																								12.69	0.46	0.00	3.33	0.00	25.71
		x			x																									11.14	0.46	0.00	3.15	0.00	23.06
		x			x						x																			11.14	0.46	0.00	3.14	0.00	23.05
		x				x																								11.10	0.46	0.00	3.12	0.00	22.96
		x				x						x																		11.10	0.46	0.00	3.13	0.00	22.98
		x			x	x					x	x																		12.69	0.46	0.00	3.34	0.00	25.74
		x			x	x							x																	12.66	0.46	0.00	2.95	0.00	25.00
		x			x	x								x																12.66	0.46	0.00	2.95	0.00	24.99
		x			x										x															11.21	0.46	0.00	3.17	0.00	23.22
		x				x										x														11.18	0.46	0.00	3.15	0.00	23.12
		x			x	x									x	x														12.85	0.46	0.00	3.38	0.00	26.05
		x			x												x													11.35	0.46	0.00	3.00	0.00	23.11
		x			x													x												7.22	0.46	0.00	3.05	0.00	17.00
		x			x													x	x											11.13	0.46	0.00	3.17	0.00	23.09
		x			x													x		x										10.92	0.46	0.00	3.14	0.00	22.74
		x			x	x												x				x								11.83	0.46	0.00	3.03	0.00	23.89
		x				x															x									11.13	0.46	0.00	3.09	0.00	22.95
		x				x																x								10.58	0.46	0.00	2.92	0.00	21.83
		x				x																x	x							10.88	0.46	0.00	2.92	0.00	22.27
		x				x																x		x						10.69	0.46	0.00	2.92	0.00	21.99
		x				x																	x		x					14.55	0.46	0.00	4.54	0.00	30.69
		x				x																	x			x				14.54	0.46	0.00	4.52	0.00	30.63
	x																										x			9.61	0.46	0.00	3.69	0.00	21.75
	x																											x		9.62	0.46	0.00	3.69	0.00	21.75
	x																												x	9.60	0.46	0.00	3.70	0.00	21.76