

G10 input signal specification list

Area No.	Signal Name	f H	f V	Pixel CLK [MHz]	H dot counts		V lines		H Timing				V timing(by line numbers)			
		[kHz]	[Hz]		Total	Effective	Total	Effective	Sync width	Back porch	Picture Area	Fornt Porch	Sync Width	Back porch	Picture Area	Fornt Porch
1	NTSC	15.734	59.940	14.318	910	754	525/2	485/2	68	68	754	20	3	14	242.5	3
2	PAL/SECAM	15.625	50.000	17.734	1135	922	625/2	575/2	84	102	922	27	2.5	20	287.5	2.5
3	EDTV II	31.469	59.940	27.000	858	720	525	483	58	70	720	10	6	31	483	6
4	HDTV	33.750	60.000	74.250	2200	1920	1125/2	1035/2	44	192	1920	44	5	35	517.5	5
5	PC9801	24.830	56.432	21.056	848	640	440	400	96	48	640	64	8	25	400	7
6	VGA1	31.469	70.087	25.175	800	640	449	350	96	48	640	16	2	60	350	37
7	VGA3	31.469	59.940	25.175	800	640	525	480	96	40	640	8	2	25	480	2
8	MAC13	35.000	66.667	30.240	864	640	525	480	64	96	640	64	3	39	480	3
9	VGA VESA	37.500	75.000	31.500	840	640	500	480	64	120	640	16	3	16	480	1
10	SVGA1	37.879	60.317	40.000	1056	800	628	600	128	88	800	40	4	23	600	1
11	SVGA2	48.077	72.188	50.000	1040	800	666	600	120	64	800	56	6	23	600	37
12	MAC16	49.725	74.550	57.283	1152	832	667	624	64	224	832	32	3	39	624	1
13	XGA1	48.363	60.004	65.000	1344	1024	806	768	136	160	1024	24	6	29	768	3
14	XGA2	56.476	70.069	75.000	1328	1024	806	768	136	144	1024	24	6	29	768	3
15	MAC19	60.241	74.927	80.000	1328	1024	804	768	96	176	1024	32	3	30	768	3
16	MAC21	68.681	75.062	100.000	1456	1152	915	870	128	144	1152	32	3	39	870	3
17	SXGA1	63.981	60.020	108.000	1688	1280	1066	1024	112	248	1280	48	3	38	1024	1
18	SXGA2	70.755	67.003	120.000	1696	1280	1056	1024	160	224	1280	32	3	26	1024	3
19	SXGA3	80.0	75.1	144.000	1800	1360	1065	1024	136	272	1360	32	3	35	1024	3
DTV	720P	45.000	60.000	74.250	1650	1280	750	720	40	260	1280	70	5	20	720	5
	1080i	33.750	60.000	74.250	2200	1920	1125/2	1080/2	44	192	1920	44	5	15	540	2.5