

S1L60000 Series

Model Name	3-layer Metallization	S1L60093	S1L60173	S1L60283	S1L60403	S1L60593	S1L60833	S1L61233	S1L61583	S1L61903	S1L62513
	4-layer Metallization	S1L60094	S1L60174	S1L60284	S1L60404	S1L60594	S1L60834	S1L61234	S1L61584	S1L61904	S1L62514
Total BC (Raw Gates)		99,200	171,720	284,394	400,290	595,362	831,572	1,234,820	1,587,754	1,902,960	2,519,604
Usable Gates	3-layer Metallization	59,520	103,032	142,197	200,145	297,681	332,628	493,928	635,101	761,184	1,007,841
	4-layer Metallization	69,440	120,204	184,856	260,188	386,985	415,786	617,410	793,877	951,480	1,259,802
Total Lead Count	80 μm	-	-	-	-	-	284	344	388	424	488
Micro Lead Pitch	70 μm	112	148	188	224	272	-	-	-	-	-

S1L50000 Series

Model Name	4-layer Metallization	S1L50062	S1L50122	S1L50282	S1L50552	S1L50752	S1L50992	S1L51252	S1L51772	S1L52502	S1L53352	S1L54422	S1L55062	S1L56682	S1L58152
	5-layer Metallization	S1L50063	S1L50123	S1L50283	S1L50553	S1L50753	S1L50993	S1L51253	S1L51773	S1L52503	S1L53353	S1L54423	S1L55063	S1L56683	S1L58153
	6-layer Metallization	S1L50064	S1L50124	S1L50284	S1L50554	S1L50754	S1L50994	S1L51254	S1L51774	S1L52504	S1L53354	S1L54424	S1L55064	S1L56684	S1L58154
Total BC (Raw Gates)		5,760	11,948	28,710	55,500	75,774	99,198	125,772	177,062	250,160	335,858	442,112	506,688	668,552	815,468
Usable Gates	4-layer Metallization	2,880	5,974	14,355	26,085	35,613	46,623	56,597	79,677	112,572	144,418	176,844	202,675	267,420	326,187
	5-layer Metallization	5,068	10,514	25,264	47,175	64,407	84,318	100,617	132,796	187,620	251,893	309,478	354,681	467,986	570,827
	6-layer Metallization	5,472	11,350	27,274	52,725	71,985	94,238	119,483	168,208	237,652	319,065	397,900	456,019	601,696	733,921
Total Lead Count	80 μm	-	56	88	124	144	168	188	224	264	308	352	376	432	480
Micro Lead Pitch	70 μm	48	64	104	144	168	192	216	-	--	-	-	-	-	-

S1L30000 Series

Model Name	2-layer Metallization	S1L30182	S1L30302	S1L30422	S1L30552	S1L30752	S1L31092	S1L31252	S1L32162
	3-layer Metallization	S1L30183	S1L30303	S1L30423	S1L30553	S1L30753	S1L31093	S1L31253	S1L32163
Raw Gates	Single power supply	23,572	37,232	49,680	63,784	85,251	120,802	138,400	232,582
	Double power supplies	18,544	30,846	42,262	55,341	75,450	109,080	125,836	216,216
Usable Gates (single power supply)	2-layer Metallization	11,786	18,616	23,349	29,927	38,362	54,360	59,512	93,032
	3-layer Metallization	20,743	31,647	41,234	51,027	66,495	90,601	103,800	162,807
Usable Gates (Double Power Supply)	2-layer Metallization	9,272	15,423	19,863	26,010	33,952	49,086	54,109	86,486
	3-layer Metallization	16,318	26,219	35,077	44,272	58,851	81,810	94,377	151,251
Total Lead Count		128	160	184	208	240	256	304	376