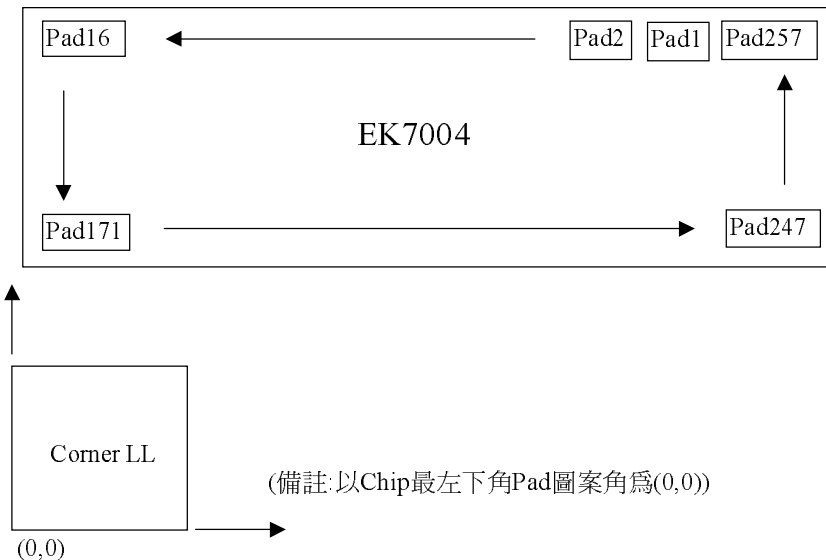


The coordinates of gold bumps of EK7004

Chip Size 12.51x 1.097 mm



PAD No.	Bump size	Pad Name	X-coordinate	Y-coordinate	pad size
PAD1	50um X 62um	Y1	12237	940.9	60umx72um
PAD2	50um X 62um	Y2	12161	940.9	60umx72um
PAD3	50um X 62um	Y3	12085	940.9	60umx72um
PAD4	50um X 62um	Y4	12009	940.9	60umx72um
PAD5	50um X 62um	Y5	11933	940.9	60umx72um
PAD6	50um X 62um	Y6	11857	940.9	60umx72um
PAD7	50um X 62um	Y7	11781	940.9	60umx72um
PAD8	50um X 62um	Y8	11705	940.9	60umx72um
PAD9	50um X 62um	Y9	11629	940.9	60umx72um
PAD10	50um X 62um	Y10	11553	940.9	60umx72um
PAD11	50um X 62um	Y11	11477	940.9	60umx72um
PAD12	50um X 62um	Y12	11401	940.9	60umx72um
PAD13	50um X 62um	Y13	11325	940.9	60umx72um
PAD14	50um X 62um	Y14	11249	940.9	60umx72um
PAD15	50um X 62um	Y15	11173	940.9	60umx72um
PAD16	50um X 62um	Y16	11097	940.9	60umx72um
PAD17	50um X 62um	Y17	11021	940.9	60umx72um
PAD18	50um X 62um	Y18	10945	940.9	60umx72um
PAD19	50um X 62um	Y19	10869	940.9	60umx72um
PAD20	50um X 62um	Y20	10793	940.9	60umx72um
PAD21	50um X 62um	Y21	10717	940.9	60umx72um
PAD22	50um X 62um	Y22	10641	940.9	60umx72um
PAD23	50um X 62um	Y23	10565	940.9	60umx72um
PAD24	50um X 62um	Y24	10489	940.9	60umx72um
PAD25	50um X 62um	Y25	10413	940.9	60umx72um

PAD No.	Bump size	Pad Name	X- coordinate	Y- coordinate	pad size
PAD26	50um X 62um	Y26	10337	940.9	60umx72um
PAD27	50um X 62um	Y27	10261	940.9	60umx72um
PAD28	50um X 62um	Y28	10185	940.9	60umx72um
PAD29	50um X 62um	Y29	10109	940.9	60umx72um
PAD30	50um X 62um	Y30	10033	940.9	60umx72um
PAD31	50um X 62um	Y31	9957	940.9	60umx72um
PAD32	50um X 62um	Y32	9881	940.9	60umx72um
PAD33	50um X 62um	Y33	9805	940.9	60umx72um
PAD34	50um X 62um	Y34	9729	940.9	60umx72um
PAD35	50um X 62um	Y35	9653	940.9	60umx72um
PAD36	50um X 62um	Y36	9577	940.9	60umx72um
PAD37	50um X 62um	Y37	9501	940.9	60umx72um
PAD38	50um X 62um	Y38	9425	940.9	60umx72um
PAD39	50um X 62um	Y39	9349	940.9	60umx72um
PAD40	50um X 62um	Y40	9273	940.9	60umx72um
PAD41	50um X 62um	Y41	9197	940.9	60umx72um
PAD42	50um X 62um	Y42	9121	940.9	60umx72um
PAD43	50um X 62um	Y43	9045	940.9	60umx72um
PAD44	50um X 62um	Y44	8969	940.9	60umx72um
PAD45	50um X 62um	Y45	8893	940.9	60umx72um
PAD46	50um X 62um	Y46	8817	940.9	60umx72um
PAD47	50um X 62um	Y47	8741	940.9	60umx72um
PAD48	50um X 62um	Y48	8665	940.9	60umx72um
PAD49	50um X 62um	Y49	8589	940.9	60umx72um
PAD50	50um X 62um	Y50	8513	940.9	60umx72um
PAD51	50um X 62um	Y51	8437	940.9	60umx72um
PAD52	50um X 62um	Y52	8361	940.9	60umx72um
PAD53	50um X 62um	Y53	8285	940.9	60umx72um
PAD54	50um X 62um	Y54	8209	940.9	60umx72um
PAD55	50um X 62um	Y55	8133	940.9	60umx72um
PAD56	50um X 62um	Y56	8057	940.9	60umx72um
PAD57	50um X 62um	Y57	7981	940.9	60umx72um
PAD58	50um X 62um	Y58	7905	940.9	60umx72um
PAD59	50um X 62um	Y59	7829	940.9	60umx72um
PAD60	50um X 62um	Y60	7753	940.9	60umx72um
PAD61	50um X 62um	Y61	7677	940.9	60umx72um
PAD62	50um X 62um	Y62	7601	940.9	60umx72um
PAD63	50um X 62um	Y63	7525	940.9	60umx72um
PAD64	50um X 62um	Y64	7449	940.9	60umx72um
PAD65	50um X 62um	Y65	7373	940.9	60umx72um
PAD66	50um X 62um	Y66	7297	940.9	60umx72um
PAD67	50um X 62um	Y67	7221	940.9	60umx72um
PAD68	50um X 62um	Y68	7145	940.9	60umx72um
PAD69	50um X 62um	Y69	7069	940.9	60umx72um
PAD70	50um X 62um	Y70	6993	940.9	60umx72um
PAD71	50um X 62um	Y71	6917	940.9	60umx72um
PAD72	50um X 62um	Y72	6841	940.9	60umx72um

PAD No.	Bump size	Pad Name	X- coordinate	Y- coordinate	pad size
PAD73	50um X 62um	Y73	6765	940.9	60umx72um
PAD74	50um X 62um	Y74	6689	940.9	60umx72um
PAD75	50um X 62um	Y75	6613	940.9	60umx72um
PAD76	50um X 62um	Y76	6537	940.9	60umx72um
PAD77	50um X 62um	Y77	6461	940.9	60umx72um
PAD78	50um X 62um	Y78	6385	940.9	60umx72um
PAD79	50um X 62um	Y79	6309	940.9	60umx72um
PAD80	50um X 62um	Y80	6233	940.9	60umx72um
PAD81	50um X 62um	Y81	6157	940.9	60umx72um
PAD82	50um X 62um	Y82	6081	940.9	60umx72um
PAD83	50um X 62um	Y83	6005	940.9	60umx72um
PAD84	50um X 62um	Y84	5929	940.9	60umx72um
PAD85	50um X 62um	Y85	5853	940.9	60umx72um
PAD86	50um X 62um	Y86	5777	940.9	60umx72um
PAD87	50um X 62um	Y87	5701	940.9	60umx72um
PAD88	50um X 62um	Y88	5625	940.9	60umx72um
PAD89	50um X 62um	Y89	5549	940.9	60umx72um
PAD90	50um X 62um	Y90	5473	940.9	60umx72um
PAD91	50um X 62um	Y91	5397	940.9	60umx72um
PAD92	50um X 62um	Y92	5321	940.9	60umx72um
PAD93	50um X 62um	Y93	5245	940.9	60umx72um
PAD94	50um X 62um	Y94	5169	940.9	60umx72um
PAD95	50um X 62um	Y95	5093	940.9	60umx72um
PAD96	50um X 62um	Y96	5017	940.9	60umx72um
PAD97	50um X 62um	Y97	4941	940.9	60umx72um
PAD98	50um X 62um	Y98	4865	940.9	60umx72um
PAD99	50um X 62um	Y99	4789	940.9	60umx72um
PAD100	50um X 62um	Y100	4713	940.9	60umx72um
PAD101	50um X 62um	Y101	4637	940.9	60umx72um
PAD102	50um X 62um	Y102	4561	940.9	60umx72um
PAD103	50um X 62um	Y103	4485	940.9	60umx72um
PAD104	50um X 62um	Y104	4409	940.9	60umx72um
PAD105	50um X 62um	Y105	4333	940.9	60umx72um
PAD106	50um X 62um	Y106	4257	940.9	60umx72um
PAD107	50um X 62um	Y107	4181	940.9	60umx72um
PAD108	50um X 62um	Y108	4105	940.9	60umx72um
PAD109	50um X 62um	Y109	4029	940.9	60umx72um
PAD110	50um X 62um	Y110	3953	940.9	60umx72um
PAD111	50um X 62um	Y111	3877	940.9	60umx72um
PAD112	50um X 62um	Y112	3801	940.9	60umx72um
PAD113	50um X 62um	Y113	3725	940.9	60umx72um
PAD114	50um X 62um	Y114	3649	940.9	60umx72um
PAD115	50um X 62um	Y115	3573	940.9	60umx72um
PAD116	50um X 62um	Y116	3497	940.9	60umx72um
PAD117	50um X 62um	Y117	3421	940.9	60umx72um
PAD118	50um X 62um	Y118	3345	940.9	60umx72um
PAD119	50um X 62um	Y119	3269	940.9	60umx72um
PAD120	50um X 62um	Y120	3193	940.9	60umx72um
PAD121	50um X 62um	Y121	3117	940.9	60umx72um

PAD No.	Bump size	Pad Name	X-coordinate	Y-coordinate	pad size
PAD122	50um X 62um	Y122	3041	940.9	60umx72um
PAD123	50um X 62um	Y123	2965	940.9	60umx72um
PAD124	50um X 62um	Y124	2889	940.9	60umx72um
PAD125	50um X 62um	Y125	2813	940.9	60umx72um
PAD126	50um X 62um	Y126	2737	940.9	60umx72um
PAD127	50um X 62um	Y127	2661	940.9	60umx72um
PAD128	50um X 62um	Y128	2585	940.9	60umx72um
PAD129	50um X 62um	Y129	2509	940.9	60umx72um
PAD130	50um X 62um	Y130	2433	940.9	60umx72um
PAD131	50um X 62um	Y131	2357	940.9	60umx72um
PAD132	50um X 62um	Y132	2281	940.9	60umx72um
PAD133	50um X 62um	Y133	2205	940.9	60umx72um
PAD134	50um X 62um	Y134	2129	940.9	60umx72um
PAD135	50um X 62um	Y135	2053	940.9	60umx72um
PAD136	50um X 62um	Y136	1977	940.9	60umx72um
PAD137	50um X 62um	Y137	1901	940.9	60umx72um
PAD138	50um X 62um	Y138	1825	940.9	60umx72um
PAD139	50um X 62um	Y139	1749	940.9	60umx72um
PAD140	50um X 62um	Y140	1673	940.9	60umx72um
PAD141	50um X 62um	Y141	1597	940.9	60umx72um
PAD142	50um X 62um	Y142	1521	940.9	60umx72um
PAD143	50um X 62um	Y143	1445	940.9	60umx72um
PAD144	50um X 62um	Y144	1369	940.9	60umx72um
PAD145	50um X 62um	Y145	1293	940.9	60umx72um
PAD146	50um X 62um	Y146	1217	940.9	60umx72um
PAD147	50um X 62um	Y147	1141	940.9	60umx72um
PAD148	50um X 62um	Y148	1065	940.9	60umx72um
PAD149	50um X 62um	Y149	989	940.9	60umx72um
PAD150	50um X 62um	Y150	913	940.9	60umx72um
PAD151	50um X 62um	Y151	837	940.9	60umx72um
PAD152	50um X 62um	Y152	761	940.9	60umx72um
PAD153	50um X 62um	Y153	685	940.9	60umx72um
PAD154	50um X 62um	Y154	609	940.9	60umx72um
PAD155	50um X 62um	Y155	533	940.9	60umx72um
PAD156	50um X 62um	Y156	457	940.9	60umx72um
PAD157	50um X 62um	Y157	381	940.9	60umx72um
PAD158	50um X 62um	Y158	305	940.9	60umx72um
PAD159	50um X 62um	Y159	229	940.9	60umx72um
PAD160	50um X 62um	Y160	153	940.9	60umx72um
PAD161	62um X 62um	CornerUL	36	940.9	72umx72um
PAD162	50um X 62um	V0L	36	858.9	60umx72um
PAD163	50um X 62um	V0L	36	780.9	60umx72um
PAD164	50um X 62um	V12L	36	702.9	60umx72um
PAD165	50um X 62um	V43L	36	624.9	60umx72um
PAD166	50um X 62um	V5L	36	546.9	60umx72um
PAD167	50um X 62um	Dummy5	36	346	60umx72um
PAD168	50um X 62um	Dummy6	36	270	60umx72um
PAD169	50um X 62um	Dummy7	36	194	60umx72um
PAD170	50um X 62um	Dummy8	36	118	60umx72um

PAD No.	Bump size	Pad Name	X- coordinate	Y- coordinate	pad size
PAD171	62um X 62um	CornerLL	36	36	72umx72um
PAD172	50um X 62um	Vss	153	36	60umx72um
PAD173	50um X 62um	L_R	363.4	36	60umx72um
PAD174	50um X 62um	Vdd	609	36	60umx72um
PAD175	50um X 62um	Vdd	685	36	60umx72um
PAD176	50um X 62um	Vdd	761	36	60umx72um
PAD177	50um X 62um	S_C	971.2	36	60umx72um
PAD178	50um X 62um	Dummy9	1217	36	60umx72um
PAD179	50um X 62um	Dummy10	1293	36	60umx72um
PAD180	50um X 62um	Dummy11	1369	36	60umx72um
PAD181	50um X 62um	EIO2	1597	36	60umx72um
PAD182	50um X 62um	Dummy12	1845	36	60umx72um
PAD183	50um X 62um	Dummy13	1977	36	60umx72um
PAD184	50um X 62um	Dummy14	2053	36	60umx72um
PAD185	50um X 62um	DI0	2260	36	60umx72um
PAD186	50um X 62um	Dummy15	2509	36	60umx72um
PAD187	50um X 62um	Dummy16	2585	36	60umx72um
PAD188	50um X 62um	Dummy17	2661	36	60umx72um
PAD189	50um X 62um	DI1	2871.4	36	60umx72um
PAD190	50um X 62um	Dummy18	3117	36	60umx72um
PAD191	50um X 62um	Dummy19	3193	36	60umx72um
PAD192	50um X 62um	Dummy20	3269	36	60umx72um
PAD193	50um X 62um	DI2	3479.4	36	60umx72um
PAD194	50um X 62um	Dummy21	3725	36	60umx72um
PAD195	50um X 62um	Dummy22	3801	36	60umx72um
PAD196	50um X 62um	Dummy23	3877	36	60umx72um
PAD197	50um X 62um	DI3	4077	36	60umx72um
PAD198	50um X 62um	Dummy24	4322.5	36	60umx72um
PAD199	50um X 62um	Dummy25	4571.5	36	60umx72um
PAD200	50um X 62um	DI4	4809	36	60umx72um
PAD201	50um X 62um	Dummy26	5054.6	36	60umx72um
PAD202	50um X 62um	Dummy27	5169	36	60umx72um
PAD203	50um X 62um	DI5	5380	36	60umx72um
PAD204	50um X 62um	Dummy28	5625	36	60umx72um
PAD205	50um X 62um	Dummy29	5701	36	60umx72um
PAD206	50um X 62um	Dummy30	5777	36	60umx72um
PAD207	50um X 62um	DI6	6005	36	60umx72um
PAD208	50um X 62um	Dummy31	6250.6	36	60umx72um
PAD209	50um X 62um	Dummy32	6326.5	36	60umx72um
PAD210	50um X 62um	DI7	6526.5	36	60umx72um
PAD211	50um X 62um	Dummy33	6820.4	36	60umx72um
PAD212	50um X 62um	Dummy34	7030.6	36	60umx72um
PAD213	50um X 62um	Dummy35	7161.8	36	60umx72um
PAD214	50um X 62um	XCK	7361.6	36	60umx72um
PAD215	50um X 62um	Dummy36	7601	36	60umx72um
PAD216	50um X 62um	Dummy37	7677	36	60umx72um
PAD217	50um X 62um	DISPOFFN	7876	36	60umx72um

PAD No.	Bump size	Pad Name	X-coordinate	Y-coordinate	pad size
PAD218	50um X 62um	Dummy38	8133	36	60umx72um
PAD219	50um X 62um	Dummy39	8209	36	60umx72um
PAD220	50um X 62um	Dummy40	8285	36	60umx72um
PAD221	50um X 62um	LP	8495.2	36	60umx72um
PAD222	50um X 62um	Dummy41	8741	36	60umx72um
PAD223	50um X 62um	Dummy42	8817	36	60umx72um
PAD224	50um X 62um	Dummy43	8893	36	60umx72um
PAD225	50um X 62um	EIO1	9121	36	60umx72um
PAD226	50um X 62um	Dummy44	9360.2	36	60umx72um
PAD227	50um X 62um	Dummy45	9501	36	60umx72um
PAD228	50um X 62um	Dummy46	9577	36	60umx72um
PAD229	50um X 62um	FR	9787.4	36	60umx72um
PAD230	50um X 62um	Dummy47	10033	36	60umx72um
PAD231	50um X 62um	Dummy48	10109	36	60umx72um
PAD232	50um X 62um	Dummy49	10185	36	60umx72um
PAD233	50um X 62um	MD	10395.4	36	60umx72um
PAD234	50um X 62um	Dummy50	10641	36	60umx72um
PAD235	50um X 62um	Dummy51	10717	36	60umx72um
PAD236	50um X 62um	Dummy52	10793	36	60umx72um
PAD237	50um X 62um	Test1	10996	36	60umx72um
PAD238	50um X 62um	Dummy53	11235.4	36	60umx72um
PAD239	50um X 62um	Dummy54	11401	36	60umx72um
PAD240	50um X 62um	Test2	11620	36	60umx72um
PAD241	50um X 62um	Vss	11875	36	60umx72um
PAD242	50um X 62um	Vss	11933	36	60umx72um
PAD243	50um X 62um	Vss	12009	36	60umx72um
PAD244	50um X 62um	Vss	12085	36	60umx72um
PAD245	50um X 62um	Vss	12161	36	60umx72um
PAD246	50um X 62um	Vss	12237	36	60umx72um
PAD247	62um X 62um	CornerLR	12354	36	72umx72um
PAD248	50um X 62um	Dummy55	12354	118	60umx72um
PAD249	50um X 62um	Dummy56	12354	194	60umx72um
PAD250	50um X 62um	Dummy57	12354	270	60umx72um
PAD251	50um X 62um	Dummy58	12354	346	60umx72um
PAD252	50um X 62um	V5R	12354	546.9	60umx72um
PAD253	50um X 62um	V43R	12354	624.9	60umx72um
PAD254	50um X 62um	V12R	12354	702.9	60umx72um
PAD255	50um X 62um	V0R	12354	780.9	60umx72um
PAD256	50um X 62um	V0R	12354	858.9	60umx72um
PAD257	62um X 62um	CornerUR	12354	940.9	72umx72um