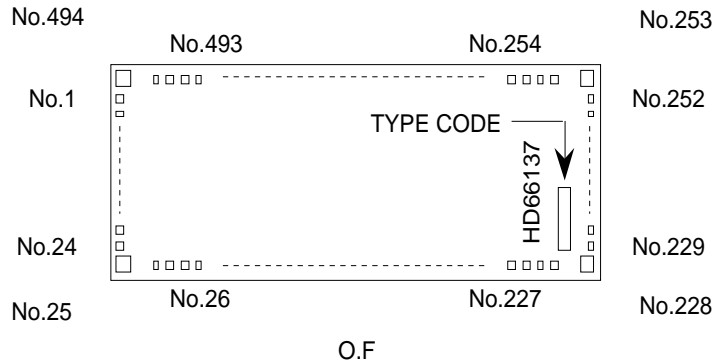


## The Location of HD66137 Bonding Pads

Chip Size : 15.33mmx1.85mm ( including scribe area)  
 Coordinate : Pad Center  
 Origin : Chip Center  
 AL Size : No.25,228,253,494 : 77um x 77um  
           Others : 47um x 77um  
 BUMP Size : No.25,228,253,494 : 70um x 70um  
           Others : 40um x 70um



- Note1:** The same voltage must be supplied to both VLCDL and VLCDR  
 The same voltage must be supplied to both VHL and VHR  
 The same voltage must be supplied to both VML and VMR  
 The same voltage must be supplied to both VLL and VLR  
 The same voltage must be supplied to both VLEEL and VLEER  
 VLCD and VH was connected LSI internally. The same voltage must be supplied to VLCD and VH  
 VEE and VL was connected LSI internally. The same voltage must be supplied to VEE and VL
- NOte2:** 2.1) DMY pins must not be connected to any signal.  
 2.2) DMY pins must not be connected to each other pins.
- NOte3:** Same PAD names mean the same functions  
 PAD and Glass contact resistance can be reduced by connecting multiple same name pads together.
- Note4:** This table shows the measured data of 1st cut samples.  
 The final specification will be issued in CAS.

PAD No.	FUNCTION	COORDINATE		PAD No.	FUNCTION	COORDINATE		PAD No.	FUNCTION	COORDINATE		PAD No.	FUNCTION	COORDINATE	
		X	Y			X	Y			X	Y			X	Y
201	DMY118	5681	-772	251	VLCDR	7493	641	301	X193	4350	801	351	X143	1350	801
202	CCL	5741	-772	252	VLCDR	7493	701	302	X192	4290	801	352	X142	1290	801
203	CCL	5801	-772	253	DMY149	7493	801	303	X191	4230	801	353	X141	1230	801
204	CCL	5861	-772	254	X240	7170	801	304	X190	4170	801	354	X140	1170	801
205	DMY119	5921	-772	255	X239	7110	801	305	X189	4110	801	355	X139	1110	801
206	DMY120	5981	-772	256	X238	7050	801	306	X188	4050	801	356	X138	1050	801
207	DMY121	6056	-772	257	X237	6990	801	307	X187	3990	801	357	X137	990	801
208	DMY122	6116	-772	258	X236	6930	801	308	X186	3930	801	358	X136	930	801
209	DMY123	6191	-772	259	X235	6870	801	309	X185	3870	801	359	X135	870	801
210	DMY124	6251	-772	260	X234	6810	801	310	X184	3810	801	360	X134	810	801
211	M/S	6311	-772	261	X233	6750	801	311	X183	3750	801	361	X133	750	801
212	M/S	6371	-772	262	X232	6690	801	312	X182	3690	801	362	X132	690	801
213	M/S	6431	-772	263	X231	6630	801	313	X181	3630	801	363	X131	630	801
214	DMY125	6491	-772	264	X230	6570	801	314	X180	3570	801	364	X130	570	801
215	DMY126	6551	-772	265	X229	6510	801	315	X179	3510	801	365	X129	510	801
216	DMY127	6617	-772	266	X228	6450	801	316	X178	3450	801	366	X128	450	801
217	DMY128	6677	-772	267	X227	6390	801	317	X177	3390	801	367	X127	390	801
218	DMY129	6737	-772	268	X226	6330	801	318	X176	3330	801	368	X126	330	801
219	DMY130	6797	-772	269	X225	6270	801	319	X175	3270	801	369	X125	270	801
220	DMY131	6857	-772	270	X224	6210	801	320	X174	3210	801	370	X124	210	801
221	DMY132	6925	-772	271	X223	6150	801	321	X173	3150	801	371	X123	150	801
222	DMY133	6985	-772	272	X222	6090	801	322	X172	3090	801	372	X122	90	801
223	DIO1	7045	-772	273	X221	6030	801	323	X171	3030	801	373	X121	30	801
224	DIO1	7105	-772	274	X220	5970	801	324	X170	2970	801	374	X120	-30	801
225	DIO1	7165	-772	275	X219	5910	801	325	X169	2910	801	375	X119	-90	801
226	DMY134	7225	-772	276	X218	5850	801	326	X168	2850	801	376	X118	-150	801
227	DMY135	7285	-772	277	X217	5790	801	327	X167	2790	801	377	X117	-210	801
228	DMY136	7493	-772	278	X216	5730	801	328	X166	2730	801	378	X116	-270	801
229	DMY137	7493	-679	279	X215	5670	801	329	X165	2670	801	379	X115	-330	801
230	DMY138	7493	-619	280	X214	5610	801	330	X164	2610	801	380	X114	-390	801
231	DMY139	7493	-559	281	X213	5550	801	331	X163	2550	801	381	X113	-450	801
232	DMY140	7493	-499	282	X212	5490	801	332	X162	2490	801	382	X112	-510	801
233	DMY141	7493	-439	283	X211	5430	801	333	X161	2430	801	383	X111	-570	801
234	DMY142	7493	-379	284	X210	5370	801	334	X160	2370	801	384	X110	-630	801
235	DMY143	7493	-319	285	X209	5310	801	335	X159	2310	801	385	X109	-690	801
236	DMY144	7493	-259	286	X208	5250	801	336	X158	2250	801	386	X108	-750	801
237	DMY145	7493	-199	287	X207	5190	801	337	X157	2190	801	387	X107	-810	801
238	DMY146	7493	-139	288	X206	5130	801	338	X156	2130	801	388	X106	-870	801
239	DMY147	7493	-79	289	X205	5070	801	339	X155	2070	801	389	X105	-930	801
240	DMY148	7493	-19	290	X204	5010	801	340	X154	2010	801	390	X104	-990	801
241	VEER	7493	41	291	X203	4950	801	341	X153	1950	801	391	X103	-1050	801
242	VEER	7493	101	292	X202	4890	801	342	X152	1890	801	392	X102	-1110	801
243	VLR	7493	161	293	X201	4830	801	343	X151	1830	801	393	X101	-1170	801
244	VLR	7493	221	294	X200	4770	801	344	X150	1770	801	394	X100	-1230	801
245	VMR	7493	281	295	X199	4710	801	345	X149	1710	801	395	X99	-1290	801
246	VMR	7493	341	296	X198	4650	801	346	X148	1650	801	396	X98	-1350	801
247	VMR	7493	401	297	X197	4590	801	347	X147	1590	801	397	X97	-1410	801
248	VMR	7493	461	298	X196	4530	801	348	X146	1530	801	398	X96	-1470	801
249	VHR	7493	521	299	X195	4470	801	349	X145	1470	801	399	X95	-1530	801
250	VHR	7493	581	300	X194	4410	801	350	X144	1410	801	400	X94	-1590	801

## HD66137 PAD coordinate

(UNIT:um)

PAD No.	FUNCTION	COORDINATE		PAD No.	FUNCTION	COORDINATE	
		X	Y			X	Y
401	X93	-1650	801	451	X43	-4650	801
402	X92	-1710	801	452	X42	-4710	801
403	X91	-1770	801	453	X41	-4770	801
404	X90	-1830	801	454	X40	-4830	801
405	X89	-1890	801	455	X39	-4890	801
406	X88	-1950	801	456	X38	-4950	801
407	X87	-2010	801	457	X37	-5010	801
408	X86	-2070	801	458	X36	-5070	801
409	X85	-2130	801	459	X35	-5130	801
410	X84	-2190	801	460	X34	-5190	801
411	X83	-2250	801	461	X33	-5250	801
412	X82	-2310	801	462	X32	-5310	801
413	X81	-2370	801	463	X31	-5370	801
414	X80	-2430	801	464	X30	-5430	801
415	X79	-2490	801	465	X29	-5490	801
416	X78	-2550	801	466	X28	-5550	801
417	X77	-2610	801	467	X27	-5610	801
418	X76	-2670	801	468	X26	-5670	801
419	X75	-2730	801	469	X25	-5730	801
420	X74	-2790	801	470	X24	-5790	801
421	X73	-2850	801	471	X23	-5850	801
422	X72	-2910	801	472	X22	-5910	801
423	X71	-2970	801	473	X21	-5970	801
424	X70	-3030	801	474	X20	-6030	801
425	X69	-3090	801	475	X19	-6090	801
426	X68	-3150	801	476	X18	-6150	801
427	X67	-3210	801	477	X17	-6210	801
428	X66	-3270	801	478	X16	-6270	801
429	X65	-3330	801	479	X15	-6330	801
430	X64	-3390	801	480	X14	-6390	801
431	X63	-3450	801	481	X13	-6450	801
432	X62	-3510	801	482	X12	-6510	801
433	X61	-3570	801	483	X11	-6570	801
434	X60	-3630	801	484	X10	-6630	801
435	X59	-3690	801	485	X9	-6690	801
436	X58	-3750	801	486	X8	-6750	801
437	X57	-3810	801	487	X7	-6810	801
438	X56	-3870	801	488	X6	-6870	801
439	X55	-3930	801	489	X5	-6930	801
440	X54	-3990	801	490	X4	-6990	801
441	X53	-4050	801	491	X3	-7050	801
442	X52	-4110	801	492	X2	-7110	801
443	X51	-4170	801	493	X1	-7170	801
444	X50	-4230	801	494	DMY150	-7493	801
445	X49	-4290	801				
446	X48	-4350	801				
447	X47	-4410	801				
448	X46	-4470	801				
449	X45	-4530	801				
450	X44	-4590	801				