

NOTES

1. PLATING THICKNESS TO BE PER CUSTOMER'S SPECIFICATION.
2. SEAL AREA TO BE METALLIZED.
3. DIE ATTACH AREA TO BE METALLIZED. (OPTION -1 ONLY)
4. DIE ATTACH AREA TO BE NOT METALLIZED. (OPTION -2 ONLY)
5. SEAL RING AND DIE ATTACH PAD TO BE FLOATING FROM ANY PINS. (OPTION -1 ONLY)
6. SEAL RING TO BE FLOATING FROM ANY PINS. (OPTION -2 ONLY)

OPTION	D/A
-1	METALLIZED
-2	BARE

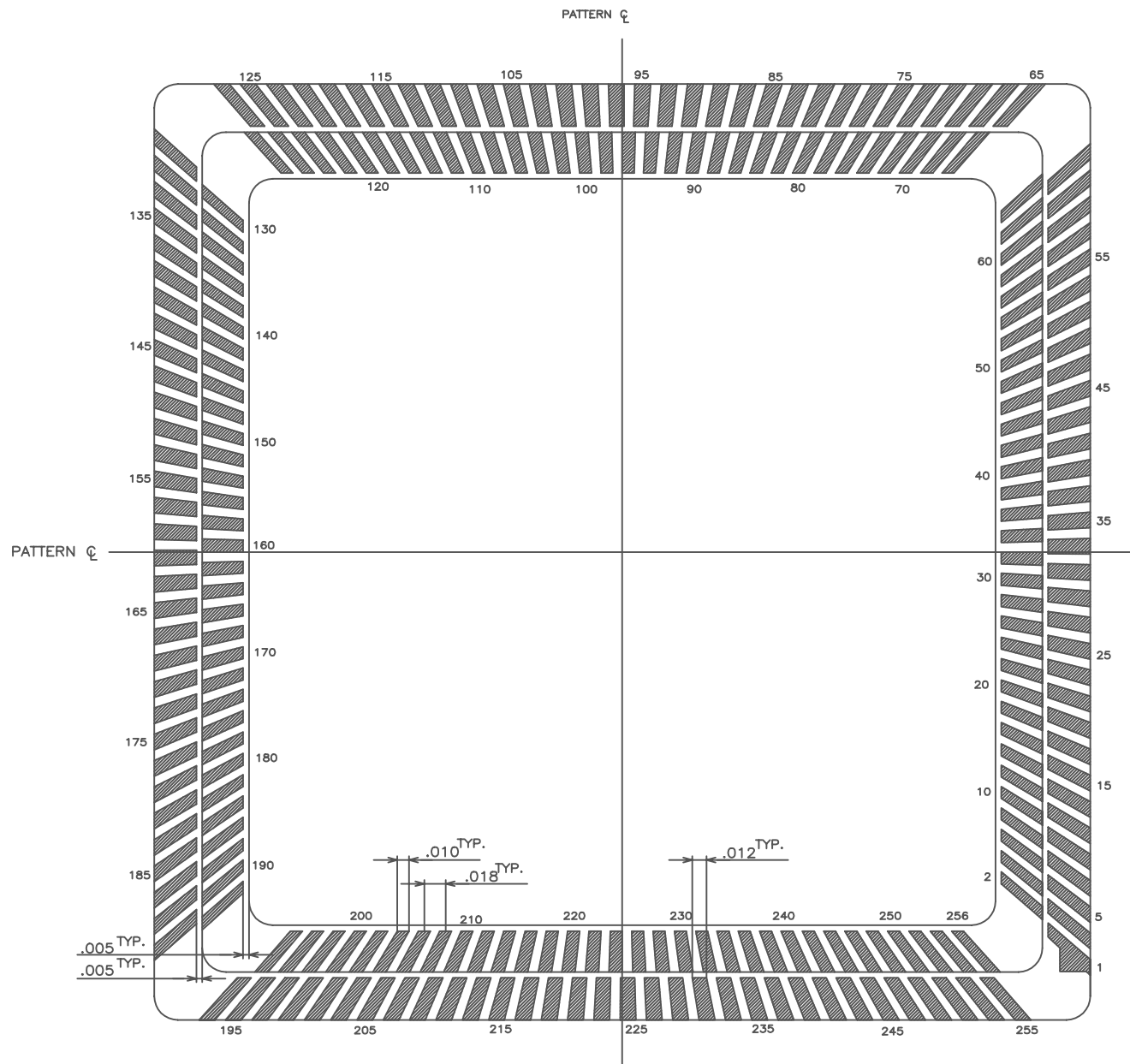
PB257T810-2 S=0 D=N PB257T810-1 S=0 D=N

MODIFICATION	DATE	DRAWN	CHECKED	APPROVED	DATE	NAME		TOLERANCE (UNLESS OTHERWISE SPECIFIED)	DRAWN CHECKED APPROVED		DATE	
						S.H	T.A		H.I	S.A		T.A
CHANGED : NOTE1						SCALE	5 / 1	MATERIAL	AS INDICATED			
CHANGED : NOTE ADDED : OPTION NO.								±.005				
CHANGED												



KYOCERA CORPORATION
KYOTO JAPAN

DRAWING NO. KD-P87810-B SHEET 1/3



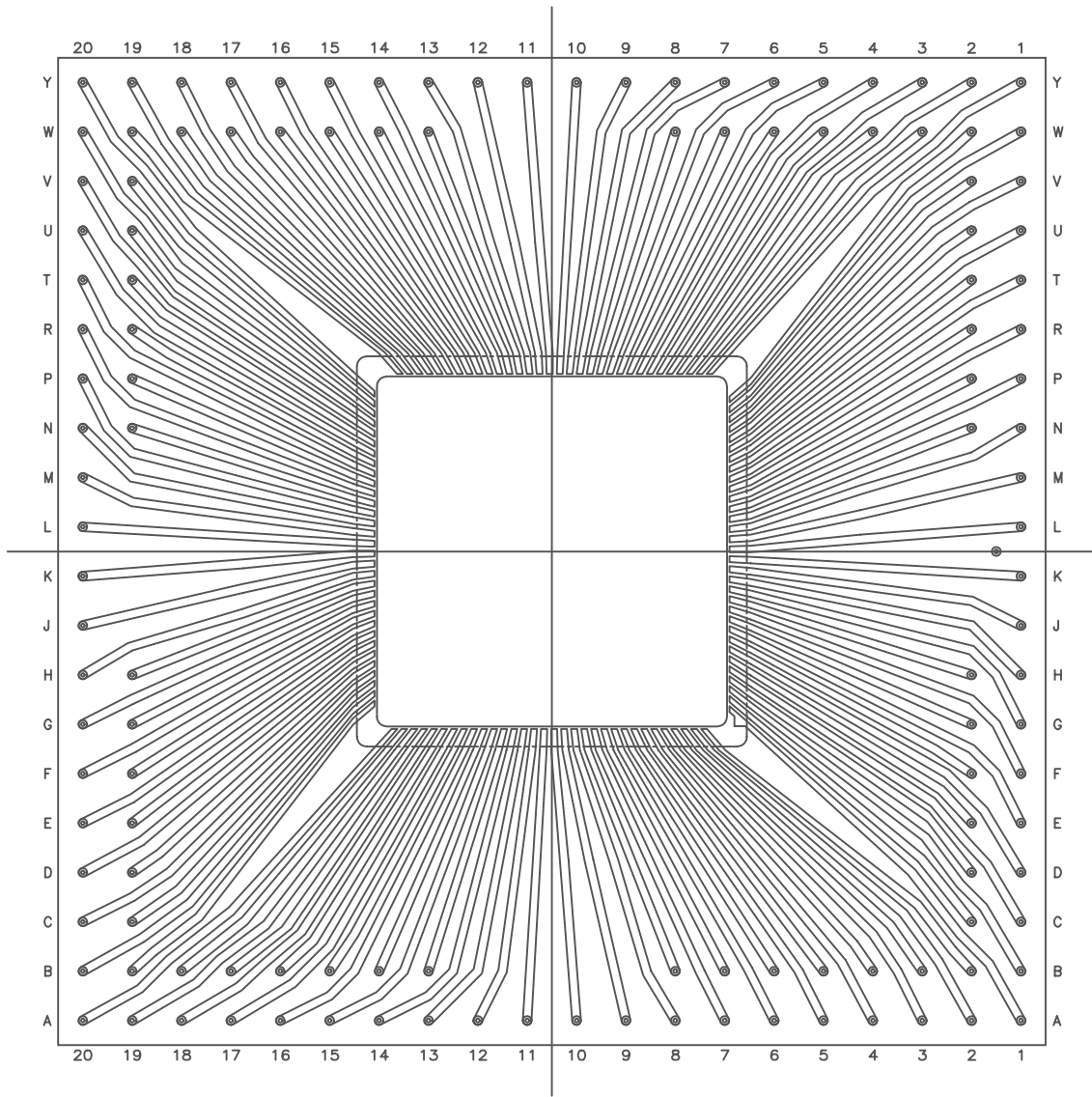
BONDING PATTERN

MODIFICATION						NAME 257 PIN GRID ARRAY PACKAGE	TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN H.I	CHECKED S.A	APPROVED T.A	DATE OCT.20.'87
						SCALE 15/1	MATERIAL	THIRD ANGLE PROJECTION			
		CHANGED	DATE	DRAWN	CHECKED	APPROVED		KYOCERA CORPORATION KYOTO JAPAN	DRAWING NO. KD-P87810-B	SHEET 2/3	

WIRE BOND PAD / CONNECTOR PIN INTERCONNECTION PLAN

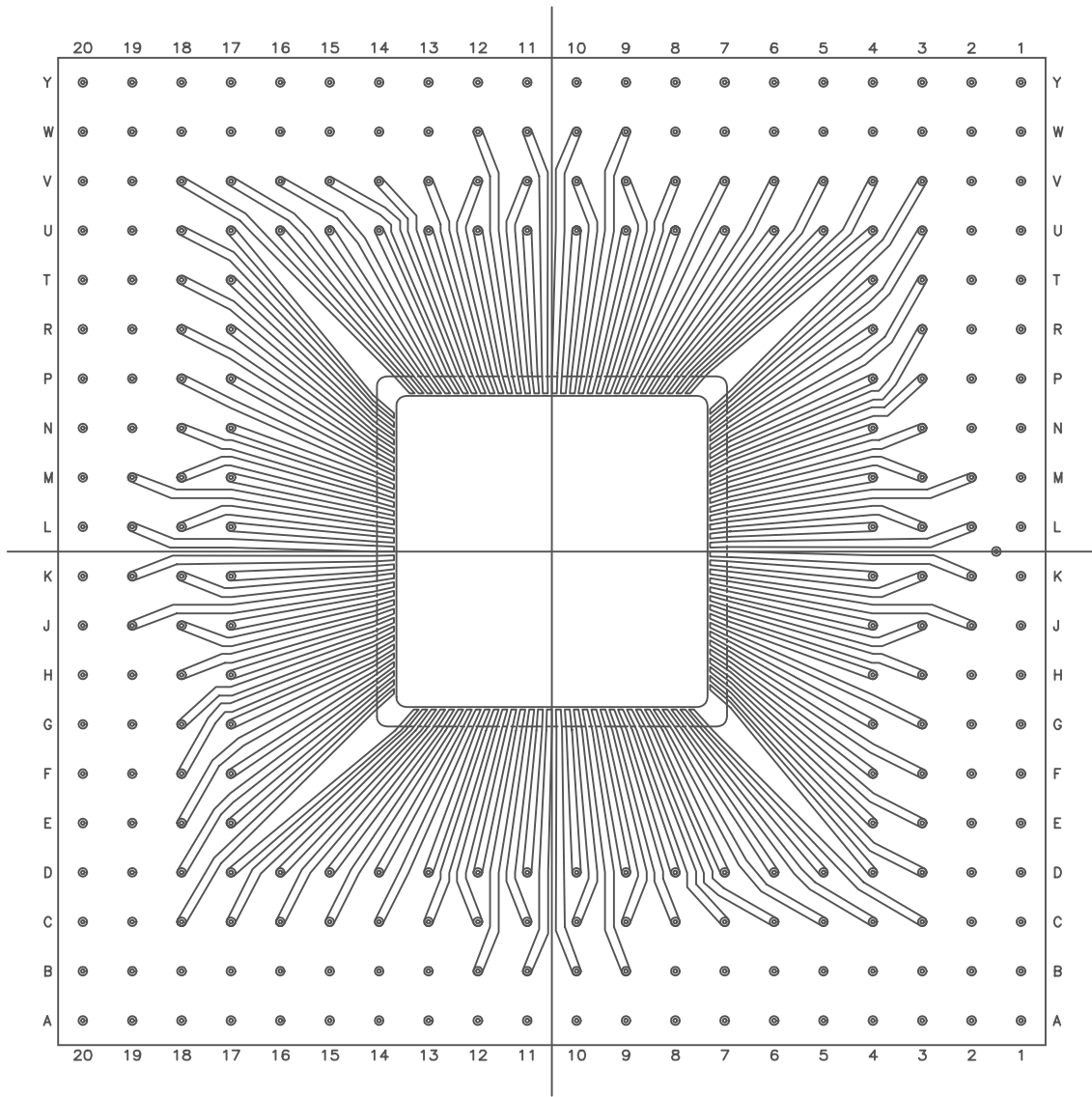
1	A1	27	H1	53	U1	79	W6	105	Y14	131	V19	157	M20	183	D19	209	A16	235	B7
2	D4	28	K3	54	P4	80	V7	106	U12	132	U18	158	L17	184	E18	210	D13	236	C9
3	C2	29	J1	55	U2	81	Y5	107	W14	133	W20	159	L20	185	C20	211	B14	237	A6
4	D3	30	K4	56	T3	82	U8	108	V12	134	T17	160	L19	186	F17	212	C13	238	C8
5	B1	31	K1	57	V1	83	W7	109	Y15	135	U19	161	K20	187	C19	213	A15	239	B6
6	E4	32	K2	58	R4	84	V8	110	V13	136	T18	162	K19	188	D18	214	C12	240	D8
7	D2	33	L1	59	V2	85	Y6	111	W15	137	V20	163	J20	189	B20	215	B13	241	A5
8	E3	34	L2	60	U3	86	V9	112	U13	138	R17	164	K17	190	E17	216	D12	242	C7
9	C1	35	M1	61	W1	87	W8	113	Y16	139	T19	165	H20	191	B19	217	A14	243	B5
10	F4	36	L4	62	T4	88	U9	114	V14	140	R18	166	K18	192	C18	218	B12	244	C6
11	E2	37	N1	63	W2	89	Y7	115	W16	141	U20	167	H19	193	A20	219	A13	245	A4
12	F3	38	L3	64	V3	90	W9	116	V15	142	P17	168	J19	194	D17	220	C11	246	D7
13	D1	39	N2	65	Y1	91	Y8	117	Y17	143	R19	169	G20	195	B18	221	A12	247	B4
14	G4	40	M2	66	U4	92	V10	118	U14	144	P18	170	J17	196	C17	222	D11	248	C5
15	F2	41	P1	67	W3	93	Y9	119	W17	145	T20	171	G19	197	A19	223	A11	249	A3
16	G3	42	M4	68	V4	94	U10	120	V16	146	N17	172	J18	198	D16	224	B11	250	D6
17	E1	43	P2	69	Y2	95	Y10	121	Y18	147	P19	173	F20	199	B17	225	A10	251	B3
18	H4	44	M3	70	U5	96	W10	122	U15	148	N18	174	H18	200	C16	226	B10	252	C4
19	G2	45	R1	71	W4	97	Y11	123	W18	149	R20	175	F19	201	A18	227	A9	253	A2
20	H3	46	N3	72	V5	98	W11	124	V17	150	M18	176	H17	202	D15	228	D10	254	D5
21	F1	47	R2	73	Y3	99	Y12	125	Y19	151	N19	177	E20	203	B16	229	A8	255	B2
22	J3	48	N4	74	U6	100	U11	126	U16	152	M17	178	G18	204	C15	230	C10	256	C3
23	H2	49	T1	75	W5	101	Y13	127	W19	153	P20	179	E19	205	A17	231	B8		
24	J4	50	P3	76	V6	102	V11	128	V18	154	M19	180	F18	206	D14	232	B9	S/R	NC
25	G1	51	T2	77	Y4	103	W13	129	Y20	155	N20	181	D20	207	B15	233	A7	D/A	NC
26	J2	52	R3	78	U7	104	W12	130	U17	156	L18	182	G17	208	C14	234	D9	EXTRA PIN	NC

MODIFICATION				NAME	257 PIN GRID ARRAY PACKAGE			TOLERANCE	DRAWN CHECKED APPROVED		DATE
				SCALE	MATERIAL			H.I. S.A. T.A.		OCT.20.87	
							NO. ARE FINISHED				
CHANGED				DATE	DRAWN	CHECKED	APPROVED	KYOCERA CORPORATION KYOTO JAPAN			DRAWING NO. KD-P87810-B
											SHEET 3/3



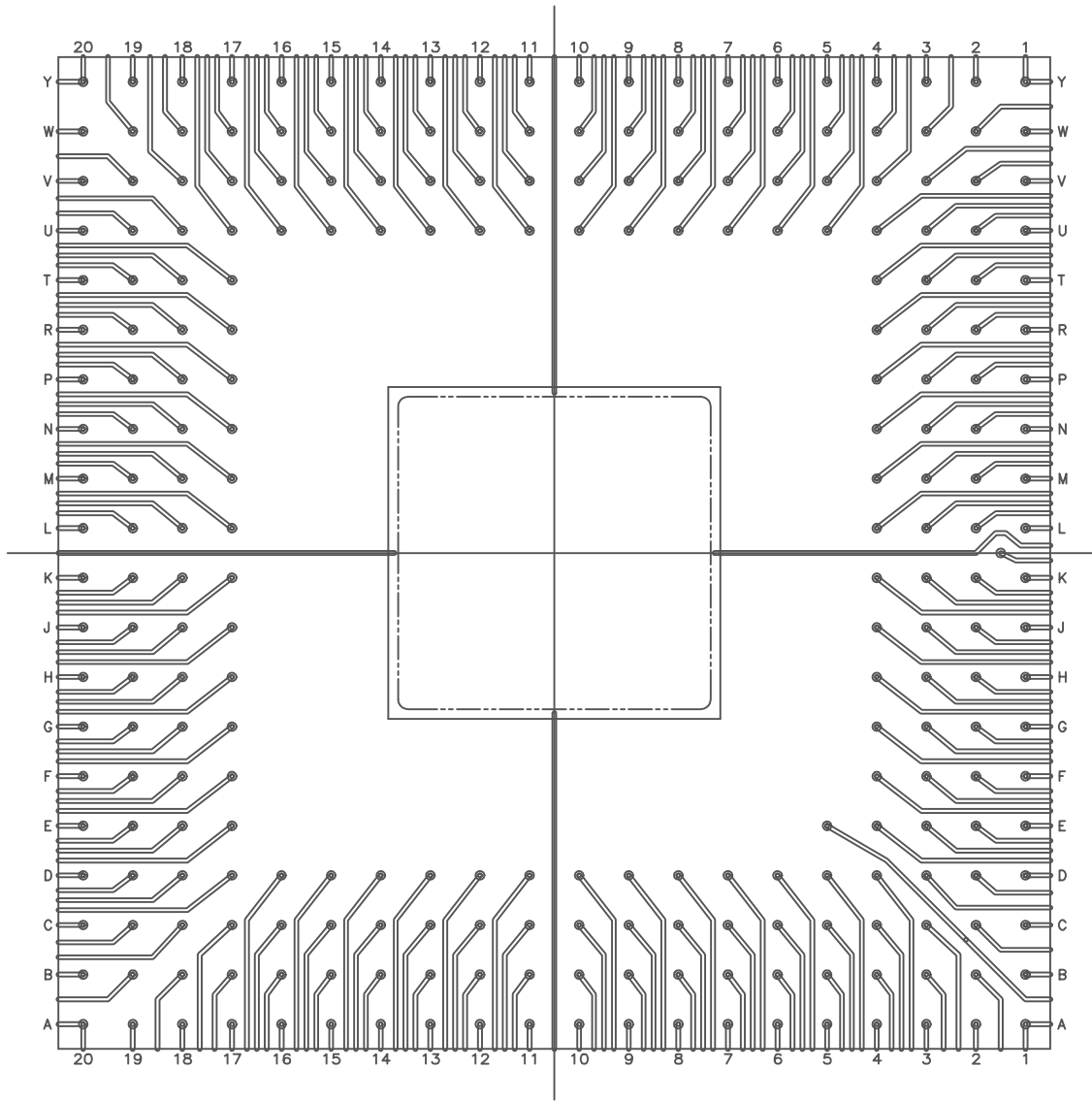
MP-2

MODIFICATION					NAME	257 PIN GRID ARRAY PACKAGE		TOLERANCE	DRAWN CHECKED APPROVED DATE		
					SCALE	8 / 1	MATERIAL	UNLESS OTHERWISE SPECIFIED	S.NI	A.F	M.K
A REDRAWN				DATE	S.Y	U.S./M	T.A	DRAWING NO.		SHEET	
CHANGED				DATE	DRAWN	CHECKED	APPROVED	KYOCERA CORPORATION KYOTO JAPAN		KD-P87810-B-REF. 2/6	



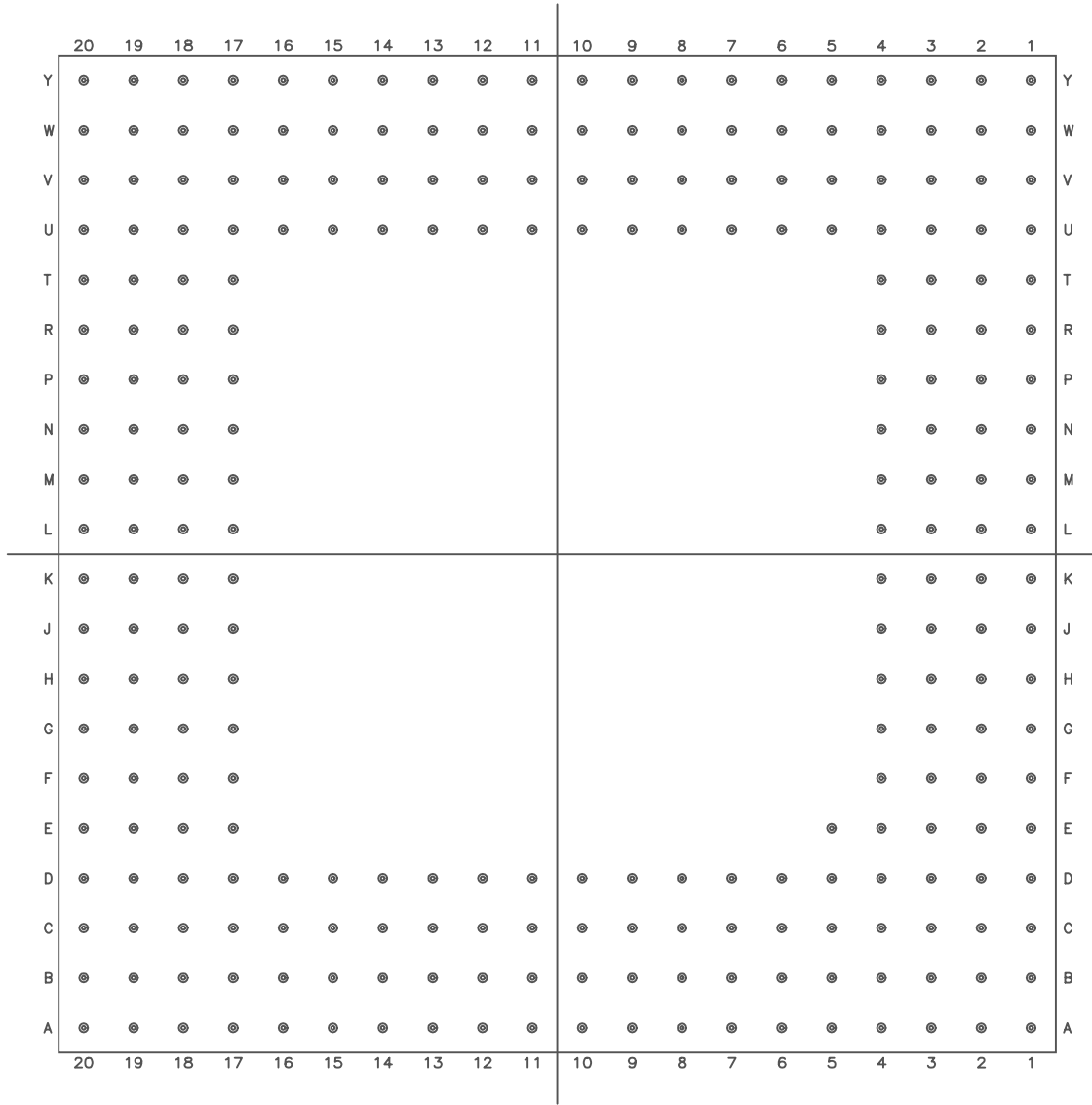
MP-3

MODIFICATION					NAME	TOLERANCE	DRAWN	CHECKED	APPROVED	DATE
					257 PIN GRID ARRAY PACKAGE	UNLESS OTHERWISE SPECIFIED	S.NI	A.F	M.K	JUN.01.'90
					SCALE	MATERIAL				
					8 / 1					
	A	REDRAWN			DATE	S.Y	H/S/S/H	T.A		
		CHANGED			DATE	DRAWN	CHECKED	APPROVED		
							KYOCERA CORPORATION KYOTO JAPAN		DRAWING NO. KD-P87810-B-REF.	SHEET 3/6



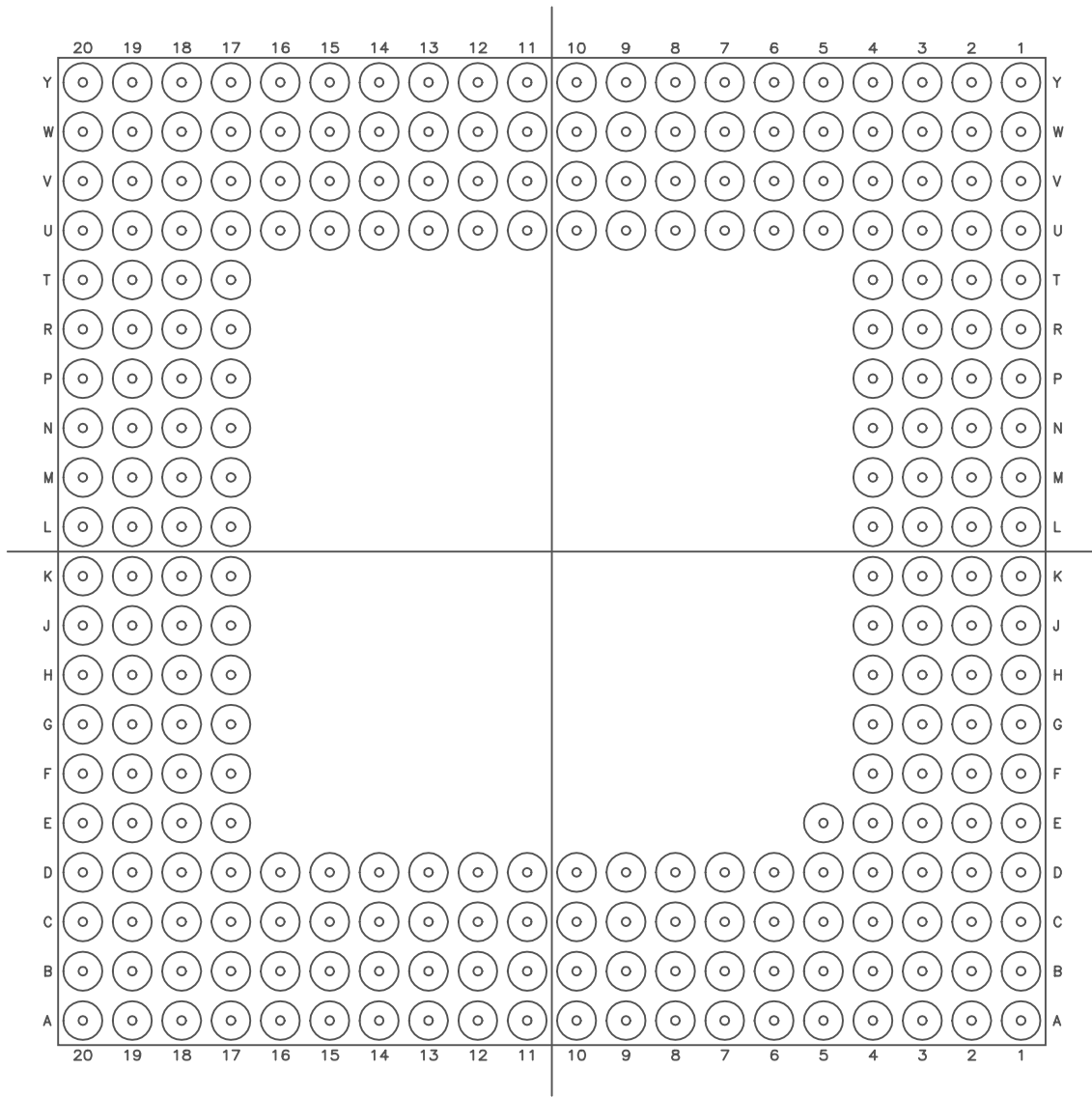
MP-4

MODIFICATION						NAME 257 PIN GRID ARRAY PACKAGE	TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN	CHECKED	APPROVED	DATE
						SCALE 8 / 1	MATERIAL	S.NI	A.F	M.K	JUN.01.'90
	A	REDRAWN									
		CHANGED									
		DATE	S.Y	U.S./M	T.A	 KYOCERA CORPORATION KYOTO JAPAN	DRAWING NO.	SHEET			
		DRAWN	CHECKED	APPROVED			KD-P87810-B-REF.	4	6		



MP-5,MP-6

MODIFICATION						NAME	TOLERANCE	DRAWN	CHECKED	APPROVED	DATE
						257 PIN GRID ARRAY PACKAGE	UNLESS OTHERWISE SPECIFIED	S.NI	A.F	M.K	JUN.01.'90
						SCALE 8 / 1	MATERIAL				
	A	REDRAWN									
		CHANGED									
			DATE	DRAWN	CHECKED	APPROVED	KYOCERA CORPORATION KYOTO JAPAN	DRAWING NO.		SHEET	
								KD-P87810-B-REF.		5/6	



MP-7
(TOP VIEW)

MODIFICATION					NAME	TOLERANCE	DRAWN	CHECKED	APPROVED	DATE
					257 PIN GRID ARRAY PACKAGE	UNLESS OTHERWISE SPECIFIED	S.NI	A.F	M.K	JUN.01.'90
					SCALE 8 / 1	MATERIAL				
	A	REDRAWN			DATE	S.Y	H/S/SII	T.A		
		CHANGED			DATE	DRAWN	CHECKED	APPROVED		
							KYOCERA CORPORATION KYOTO JAPAN		DRAWING NO.	SHEET
									KD-P87810-B-REF.	6/6