

NOTES

OPTION

D/A -1 METALLIZED -2 BARE

⚠ ▲ 1. PLATING THICKNESS TO BE PER CUSTOMER'S SPECIFICATION.

2. SEAL AREA TO BE METALLIZED.

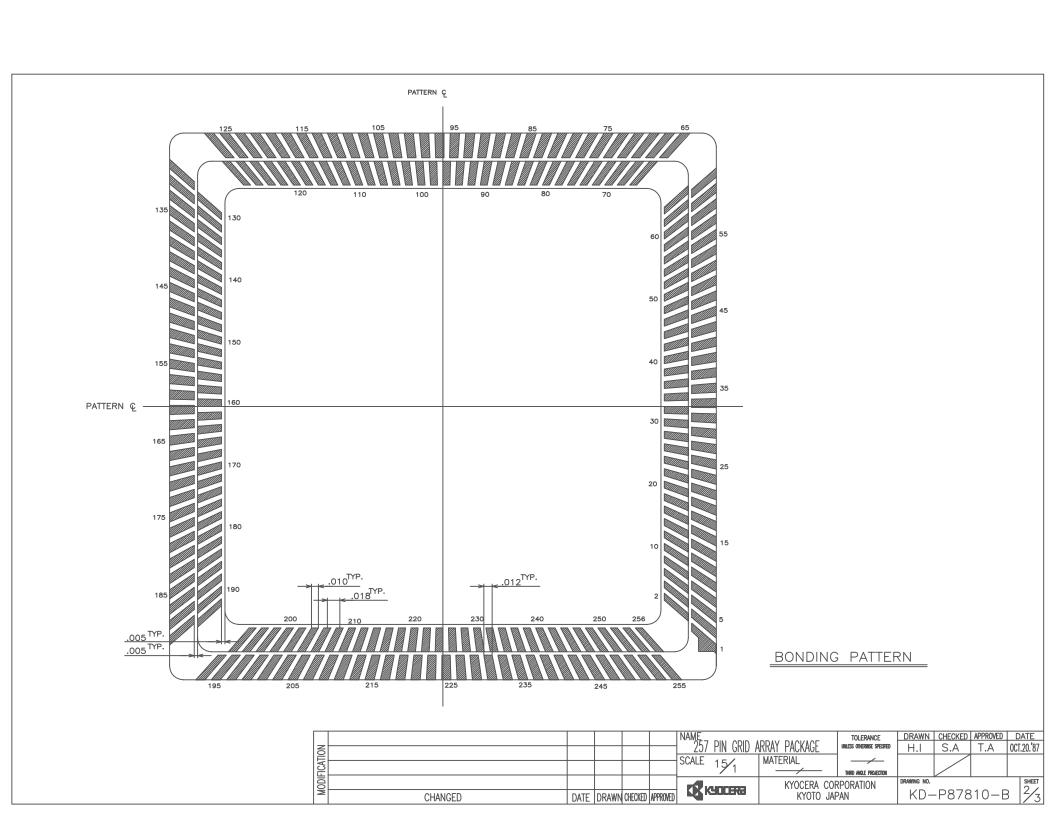
3. DIE ATTACH AREA TO BE METALLIZED. (OPTION -1 OLNY)

4. DIE ATTACH AREA TO BE NOT METALLIZED. (OPTION -2 OLNY)

5. SEAL RING AND DIE ATTACH PAD TO BE FLOATING FROM ANY PINS. (OPTION -1 OLNY)

6. SEAL RING TO BE FLOATING FROM ANY PINS. (OPTION -2 OLNY)

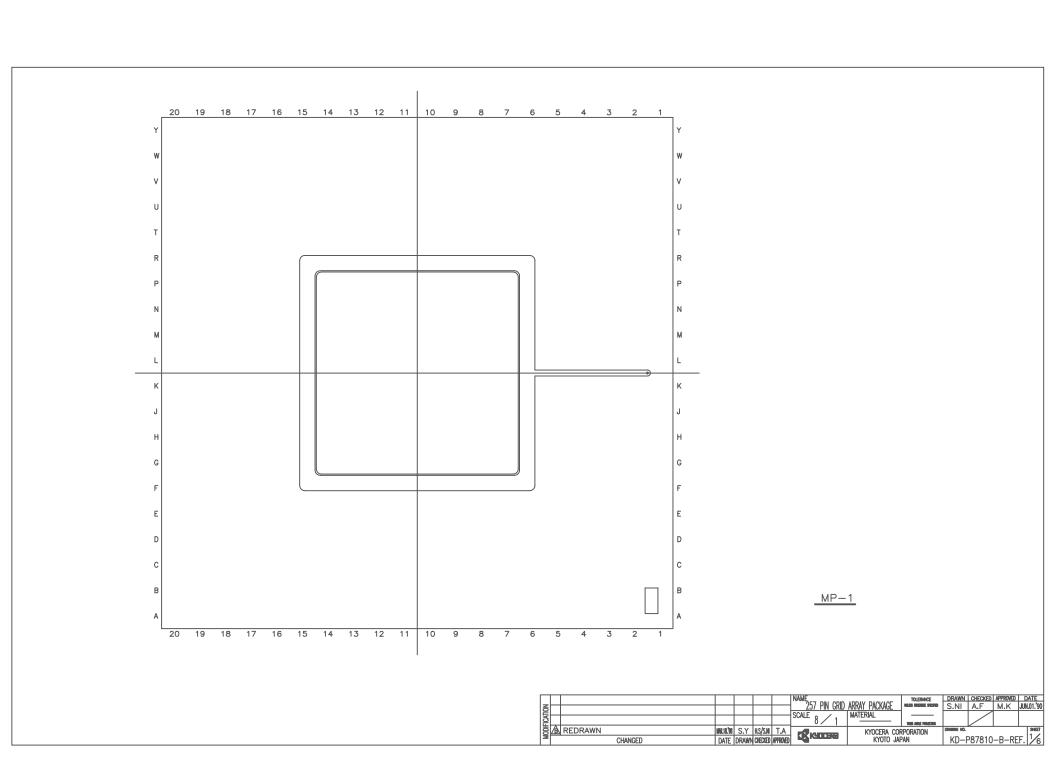
						PB257T81	$0-2 \frac{S=0}{D=N}$				D-0
					NAME		TOLERANCE	DRAWN	CHECKED	APPROVED	DATE
	_		_		1 257 PIN GRID	ARRAY PACKAGE	OLES CHEEK SEEPS	H.I	S.A	T.A	OCT_20,"87
					SCALE =		± 006				
: NOTE1	JULD4.'96	S.H	H.S/K.M	T.A	J 9/1	AS INDICATED	1.003				
: NOTE,ADDED : OPTION NO.	WY.03.*93	S.N	S.T/K.M	T.A	-0	KYOCERA COL	RPORATION				SHEET
CHANGED	DATE	DRAWN	CHECKED	APPROVED	CR Icomes			KD-	-P878	310—E	3   1/3
	: NOTE1 : NOTE_ADDED : OPTION NO. CHANGED	: NOTE, ADDED : OPTION NO. WYAS 35	: NOTE, ADDED : OPTION NO. WYAS S.N	: NOTE, ADDED : OPTION NO. MIXIS S.N S.T/K.M	: NOTE,ADDED : OPTION NO.   MIXAL NS   S.N   S.T/K.M T.A	257 PIN GRID  1 NOTE1  2 NOTE   AUANN   S.H   H.S/K.M   T.A    1 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    2 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    2 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    2 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    2 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    2 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    3 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    3 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    3 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    3 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    3 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    3 NOTE, ADDED : OPTION NO.   MIXILIN   S.N   S.I/K.M   T.A    3 NOTE, ADDED : OPTION NO.   MIXILIN   S.N    3 NOTE, ADDED : OPTION NO.   MIXILIN   S.I    3 NOTE, ADDED : OPTION NO.   S.I    4 NOTE, ADDED : OPTION NO.   S.I    5 NOTE, ADDED : OPTION NO.	: NOTE1 JUMAN S.H H.S/K.M T.A : NOTE, ADDED : OPTION NO. JUKOBN S.N S.T/K.M T.A : NOTE, ADDED : OPTION NO. JUKOBN S.N S.T/K.M T.A	: NOTE1 JUNNS S.H H.S/K.M T.A : NOTE,ADDED: OPTION NO. WKILSS S.N S.T/K.M T.A	NAME   15.7 PIN GRID ARRAY PACKAGE   15.6 MATERIAL   15.0 MA	NOTE   ALLANS   S.H   H.S/KM   T.A   SCALE   5   1   MATERIAL   SI   NOTE   NOTE, ADDED : OPTION NO.   MATERIAL   S.N.   S.T/K.M   T.A   S.M.   S.M.   S.T/K.M   T.A   S.M.   S	NOTE   MILANS   S.H   H.S/KM   T.A   SOALE 5   1   MATERIAL   SOALE 5   1   MATERIAL   SOALE 5   1   MATERIAL   SOALE 5   MATERIAL 5   MATERI

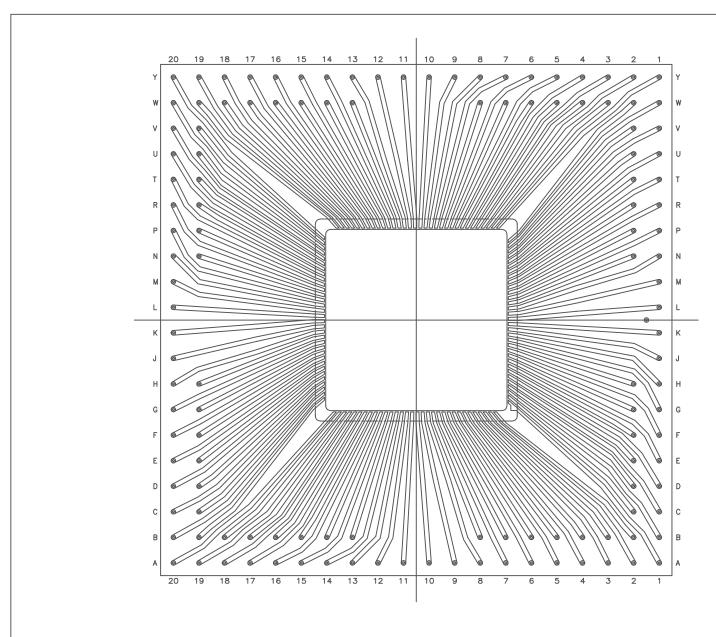


## WIRE BOND PAD / CONNECTOR PIN INTERCONNECTION PLAN

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         A16         235         B7         AC         A         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         186         F17         212         C13         238         C8           6         E4         32         K2         58         R4         W8         110         V13         136         T18         162         K19         18	W/B NO. PIN NO.									
3	1 A1	27 H1	53 U1	79 W6	105 Y14	131 V19	157 M20	183 D19	209 A16	235 B7
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           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         88         U9         114         V14         140         R18         166         K18         192         C	2 D4	28 K3	54 P4	80 V7	106 U12	132 U18	158 L17	184 E18	210 D13	236 C9
5         B1         31         K1         57         V1         83         W7         109         Y15         135         U19         161         K20         187         C19         213         A15         239         B6           7         D2         33         L1         59         V2         85         Y6         111         W15         135         U19         163         J20         188         D18         214         C12         240         D8           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         116         V15         H42         P17         166         K18         H92	3 C2	29 J1	55 U2	81 Y5	107 W14	133 W20	159 L20	185 C20	211 B14	237 A6
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         188         B20         215         B13         241         A5           9         C1         35         M1         61         W1         87         W8         113         Y16         139         T19         165         H20         191         B19         E17         216         D12         242         C7           10         F4         36         L4         62         T4         88         U9         114         V14         140         R18         166         K18         192         C18         218         B12         244         C6           11         E2         A37         N1         66         V3         90         W9         116         V15         142         P17         168         H19 <t< td=""><td>4 D3</td><td>30 K4</td><td>56 T3</td><td>82 U8</td><td>108 V12</td><td>134 T17</td><td>160 L19</td><td>186 F17</td><td>212 C13</td><td>238 C8</td></t<>	4 D3	30 K4	56 T3	82 U8	108 V12	134 T17	160 L19	186 F17	212 C13	238 C8
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         B8         L2         C7           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         A	5 B1	31 K1	57 V1	83 W7	109 Y15	135 U19	161 K20	187 C19	213 A15	239 B6
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         H20         114         V14         140         R18         H20         114         V14         H40         R18         H14         U20         167         H19         H19         B19         A20         218         B12         244         C5         A4         C5         Y1         H16         V15         H41         U20         167         H19         H9         A20         219         A13         245         A4         C5         Y1         H16         V15         H42         P17         168         J19         H9 <td>6 E4</td> <td>32 K2</td> <td>58 R4</td> <td>84 V8</td> <td>110 V13</td> <td>136 T18</td> <td>162 K19</td> <td>188 D18</td> <td>214 C12</td> <td>240 D8</td>	6 E4	32 K2	58 R4	84 V8	110 V13	136 T18	162 K19	188 D18	214 C12	240 D8
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         168         K18         192         C18         218         B12         244         C6           12         F3         38         L3         64         V3         90         W9         116         V15         142         P17         168         J19         194         D17         220         C11         245         A4           14         G4         40         M2         66         U4         92         V10         118         U14         144         P18         170         J17         196	7 D2	33 L1	59 V2	85 Y6	111 W15	137 V20	163 J20	189 B20	215 B13	241 A5
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         194         D17         220         C11         246         D7           15         F2         41         P1         67         W3         93         Y9         119         W17         145         T20         171         G19         197         A19         222	8 E3	34 L2	60 U3	86 V9	112 U13	138 R17	164 K17	190 E17	216 D12	242 C7
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         246         D7           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	9 C1	35 M1	61 W1	87 W8	113 Y16	139 T19	165 H20	191 B19	217 A14	243 B5
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           15         F2         41         P1         67         W3         93         Y9         118         U14         144         P18         170         JJ7         196         C17         222         D11         248         C5           16         G3         42         M4         68         V4         94         U10         120         V16         146         N17         172         J18         198         D16         224         B11         249         A3           18         H4         H4         M3         70         U5         96         W10         121         Y18         147         P19         173         F20         199	10 F4	36 L4	62 T4	88 U9	114 V14	140 R18	166 K18	192 C18	218 B12	244 C6
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         248         C5           16         G3         42         M4         68         V4         94         U10         120         V16         146         N17         172         J18         198         D16         224         B11         250         D6         W10         121         Y18         147         P19         173         F20         199         B17         225         A10         251         B3         250         C4         A14 <td>11 E2</td> <td>37 N1</td> <td>63 W2</td> <td>89 Y7</td> <td>115 W16</td> <td>141 U20</td> <td>167 H19</td> <td>193 A20</td> <td>219 A13</td> <td>245 A4</td>	11 E2	37 N1	63 W2	89 Y7	115 W16	141 U20	167 H19	193 A20	219 A13	245 A4
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           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	12 F3	38 L3	64 V3	90 W9	116 V15	142 P17	168 J19	194 D17	220 C11	246 D7
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         122         V15         148         N18         174         H18         200         C16         225         A10         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	13 D1	39 N2	65 Y1	91 Y8	117 Y17	143 R19	169 G20	195 B18	221 A12	247 B4
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         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         178         G18         204	14 G4	40 M2	66 U4	92 V10	118 U14	144 P18	170 J17	196 C17	222 D11	248 C5
17         E1         43         P2         69         Y2         95         Y10         121         Y18         147         P19         173         F20         199         B17         225         A10         251         B3           18         H4         H4         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           22         J3         48         N4         74         U6         100         U11         126         U16         152         M17         178         G18         204	15 F2	41 P1	67 W3	93 Y9	119 W17	145 T20	171 G19	197 A19	223 A11	249 A3
18     H4     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       22     J3     48     N4     74     U6     100     U11     126     U16     152     M17     178     G18     204     C15     230     C10     255     B2       23     H2     49     T1     75     W5     101     Y13     127     W19     153     P20     179     E19     205     A17     231     B8	16 G3	42 M4	68 V4	94 U10	120 V16	146 N17	172 J18	198 D16	224 B11	250 D6
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       22     J3     48     N4     74     U6     100     U11     126     U16     152     M17     178     G18     204     C15     230     C10       23     H2     49     T1     75     W5     101     Y13     127     W19     153     P20     179     E19     205     A17     231     B8	17 E1	43 P2	69 Y2	95 Y10	121 Y18	147 P19	173 F20	199 B17	225 A10	251 B3
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	18 H4	44 M3	70 U5	96 W10	122 U15	148 N18	174 H18	200 C16	226 B10	252 C4
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	19 G2	45 R1	71 W4	97 Y11	123 W18	149 R20	175 F19	201 A18	227 A9	253 A2
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	20 H3	46 N3	72 V5	98 W11	124 V17	150 M18	176 H17	202 D15	228 D10	254 D5
23 H2 49 T1 75 W5 101 Y13 127 W19 153 P20 179 E19 205 A17 231 B8	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
24 J4   50 P3   76 V6   102 V11   128 V18   154 M19   180 F18   206 D14   232 B9   S/R NC	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	
26 J2 52 R3 78 U7 104 W12 130 U17 156 L18 182 G17 208 C14 234 D9 EXTENTIN NC	26 J2	52 R3	78 U7	104 W12	130 U17	156 L18	182 G17	208 C14	234 D9	EXTRA PIN NC

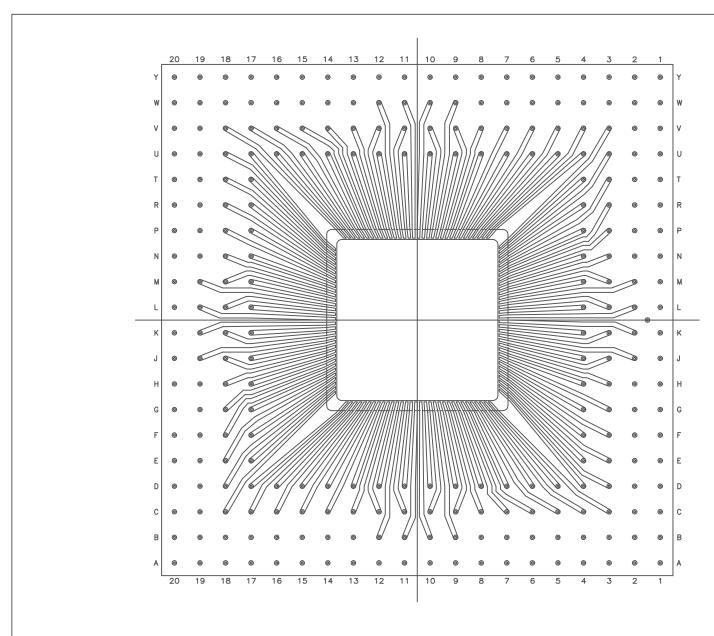
П						NAME		TOLERANCE	DRAWN	CHECKED	APPROVED	DATE
-		<del></del>	-			257 PIN GRID A	rray Package	WES CHEME STORE	H.I	S.A	T.A	001,20,87
ATION						SCALE /	MATERIAL	1				001120101
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은		_	-	-	_			100 ANILE PILLETON				
ᅙ						-4	KYOCFRA COL	RPORATION	DRAWING NO	١.		SHEET
¥	CHANCED	DATE	DDAMAI	CHECKED	ADDDOMED				_ אח	D979	R10_	□  3/ <sub>4</sub>
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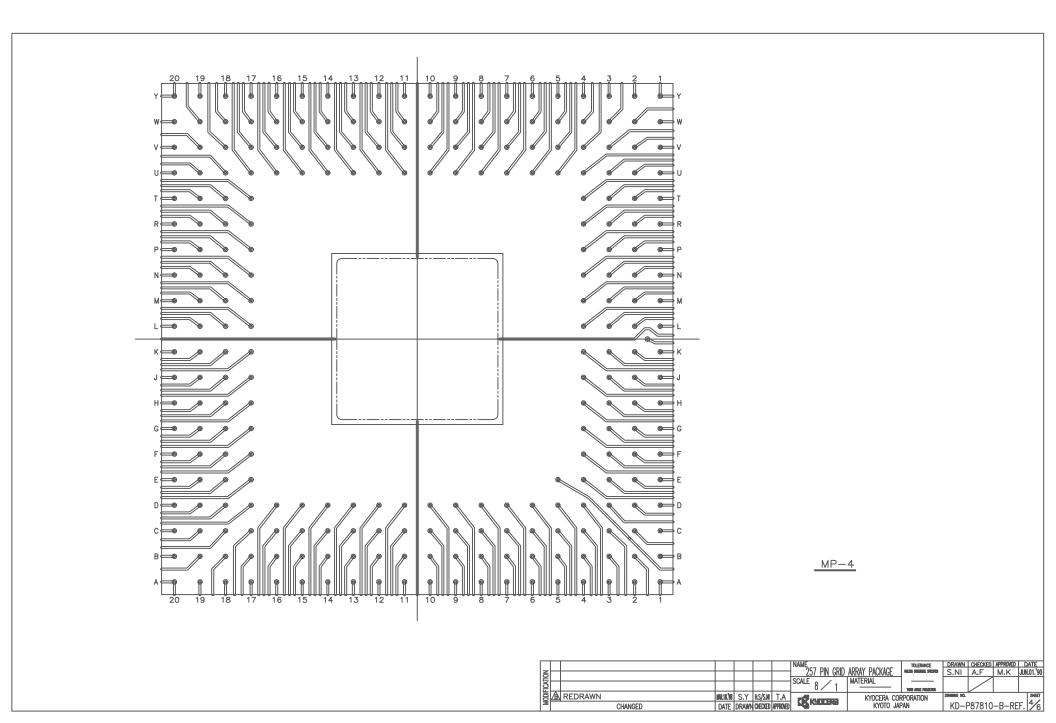
MP-2

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	Т						NAME		TOLERANCE	DRAWN	CHECKED	APPROVED	DATE
lz			-	_	-	_	257 PIN GRID	ARRAY PACKAGE	WALES CHEMIC STEPS	S.NI	A.F	M.K	JUN.01.'90
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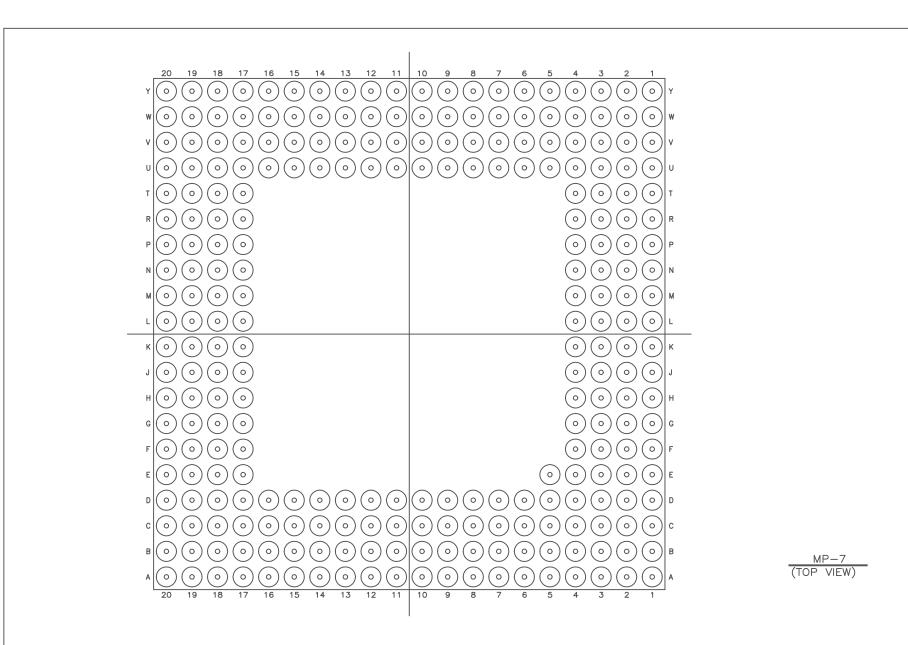
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