



PIN GRID ARRAY FOOTPRINTS (.100" GRID)
 Top view shown. Many other standard footprints are available.
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5 X 5	5 X 5	5 X 5		6 X 6	6 X 6
XXX-XX-012-05-001	XXX-XX-022-05-001	XXX-XX-025-05-000		XXX-XX-028-06-005	XXX-XX-036-06-000
7 X 7		8 X 8	8 X 8	8 X 8	
XXX-XX-049-07-000		XXX-XX-044-08-031	XXX-XX-045-08-005	XXX-XX-064-08-000	
9 X 9	9 X 9	9 X 9	9 X 9	9 X 9	
XXX-XX-032-09-041	XXX-XX-052-09-045	XXX-XX-056-09-041	XXX-XX-072-09-001	XXX-XX-081-09-000	
10 X 10	10 X 10	10 X 10	10 X 10	10 X 10	10 X 10
XXX-XX-064-10-051	XXX-XX-065-10-051	XXX-XX-068-10-041	XXX-XX-084-10-031	XXX-XX-085-10-031	XXX-XX-100-10-000
11 X 11	11 X 11	11 X 11	11 X 11	11 X 11	11 X 11
XXX-XX-059-11-001	XXX-XX-068-11-061	XXX-XX-069-11-061	XXX-XX-072-11-042	XXX-XX-072-11-061	XXX-XX-073-11-042
11 X 11	11 X 11	11 X 11	11 X 11	11 X 11	11 X 11
XXX-XX-073-11-061	XXX-XX-076-11-041	XXX-XX-084-11-041	XXX-XX-084-11-045	XXX-XX-085-11-041	XXX-XX-092-11-041



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11 X 11	11 X 11	11 X 11			
XXX-XX-096-11-041	XXX-XX-097-11-041	XXX-XX-121-11-000			
12 X 12	12 X 12	12 X 12	12 X 12	12 X 12	12 X 12
XXX-XX-081-12-071	XXX-XX-084-12-051	XXX-XX-088-12-052	XXX-XX-089-12-051	XXX-XX-108-12-051	XXX-XX-109-12-051
12 X 12					
XXX-XX-144-12-000					
13 X 13	13 X 13	13 X 13	13 X 13	13 X 13	13 X 13
XXX-XX-084-13-081	XXX-XX-085-13-042	XXX-XX-085-13-081	XXX-XX-088-13-062	XXX-XX-088-13-081	XXX-XX-089-13-061
13 X 13	13 X 13	13 X 13	13 X 13	13 X 13	13 X 13
XXX-XX-089-13-082	XXX-XX-098-13-061	XXX-XX-100-13-061	XXX-XX-100-13-062	XXX-XX-101-13-061	XXX-XX-114-13-061
13 X 13	13 X 13	13 X 13	13 X 13	13 X 13	13 X 13
XXX-XX-114-13-062	XXX-XX-120-13-061	XXX-XX-121-13-061	XXX-XX-124-13-041	XXX-XX-125-13-041	XXX-XX-128-13-041



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13 X 13	13 X 13	13 X 13	13 X 13	13 X 13	13 X 13
XXX-XX-132-13-041	XXX-XX-133-13-045	XXX-XX-144-13-041	XXX-XX-145-13-041	XXX-XX-154-13-021	XXX-XX-169-13-000
14 X 14	14 X 14	14 X 14	14 X 14	14 X 14	14 X 14
XXX-XX-124-14-071	XXX-XX-125-14-071	XXX-XX-132-14-071	XXX-XX-133-14-071	XXX-XX-135-14-051	XXX-XX-136-14-051
14 X 14	14 X 14				
XXX-XX-181-14-031	XXX-XX-196-14-000				
15 X 15	15 X 15	15 X 15	15 X 15	15 X 15	15 X 15
XXX-XX-114-15-063	XXX-XX-121-15-061	XXX-XX-142-15-085	XXX-XX-144-15-082	XXX-XX-145-15-002	XXX-XX-145-15-081
15 X 15	15 X 15	15 X 15	15 X 15	15 X 15	15 X 15
XXX-XX-149-15-061	XXX-XX-149-15-063	XXX-XX-153-15-061	XXX-XX-156-15-061	XXX-XX-161-15-005	XXX-XX-176-15-061
15 X 15	15 X 15	15 X 15	15 X 15		
XXX-XX-177-15-061	XXX-XX-179-15-041	XXX-XX-181-15-041	XXX-XX-225-15-000		



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16 X 16	16 X 16	16 X 16	16 X 16	16 X 16	16 X 16
XXX-XX-155-16-003	XXX-XX-159-16-105	XXX-XX-173-16-005	XXX-XX-175-16-005	XXX-XX-175-16-006	XXX-XX-256-16-000
17 X 17	17 X 17	17 X 17	17 X 17	17 X 17	17 X 17
XXX-XX-145-17-001	XXX-XX-168-17-101	XXX-XX-168-17-105	XXX-XX-169-17-101	XXX-XX-181-17-001	XXX-XX-209-17-081
17 X 17	17 X 17	17 X 17			
XXX-XX-240-17-061	XXX-XX-289-17-000	XXX-XX-325-17-105			
18 X 18	18 X 18	18 X 18	18 X 18	18 X 18	18 X 18
XXX-XX-155-18-121	XXX-XX-179-18-095	XXX-XX-179-18-117	XXX-XX-223-18-095	XXX-XX-223-18-098	XXX-XX-224-18-095
18 X 18	18 X 18	18 X 18	18 X 18		
XXX-XX-225-18-091	XXX-XX-241-18-075	XXX-XX-324-18-000	XXX-XX-391-18-096		
19 X 19	19 X 19	19 X 19	19 X 19	19 X 19	19 X 19
XXX-XX-238-19-086	XXX-XX-256-19-081	XXX-XX-281-19-081	XXX-XX-296-19-125	XXX-XX-296-19-126	XXX-XX-296-19-127



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19 X 19	* 19 X 19 *	19 X 19	* 19 X 19 *	19 X 19	19 X 19
XXX-XX-296-19-128	XXX-XX-296-69-129	XXX-XX-320-19-126	XXX-XX-320-69-129	XXX-XX-321-19-127	XXX-XX-403-19-105
19 X 19	* 19 X 19 *	19 X 19	20 X 20	20 X 20	20 X 20
XXX-XX-370-19-125	XXX-XX-370-69-129	XXX-XX-361-19-000	XXX-XX-299-20-096	XXX-XX-400-20-000	XXX-XX-447-20-115
21 X 21	21 X 21	21 X 21			
XXX-XX-273-21-125	XXX-XX-323-21-005	XXX-XX-441-21-000			
22 X 22	22 X 22	22 X 22	22 X 22	22 X 22	
XXX-XX-383-22-105	XXX-XX-499-22-135	XXX-XX-499-22-136	XXX-XX-503-22-135	XXX-XX-559-22-135	
24 X 24	24 X 24		* 24 X 26 *		4 X 8
XXX-XX-431-24-125	XXX-XX-599-24-125		XXX-XX-387-01-016		XXX-XX-032-01-503

Notes:

* Insulators have standoffs

The PGA patterns illustrated on pages 107 thru 111 are the most common.

Many other patterns have already been produced in small quantities. Call our applications engineers for details.

Please note that all drawings are top views.