



Micropac RoHS Compliance Declaration

March 2016

Micropac Industries, Inc. certifies that to its knowledge our products conform to the European Union's Restriction on Use of Hazardous Substances in Electrical and Electronic equipment (RoHS) for the six regulated substances.

This certification is applicable to the following MIL-PRF-19500 QPL certified products manufactured by Micropac as listed below.

This certification is based on Micropac's understanding of RoHS, Micropac's knowledge of the materials utilized in the processing and assembly of our products, any applicable analysis of our product, and information provided by Micropac's suppliers and/or other third party providers.

MIL-PRF-19500 QPL LISTED DEVICES

Micropac Base P/N	Government P/N	RoHS Compliant	Comments
62035-X0X	1N6092-1N6094	YES *	LED / DIFFUSE LENS FIRST X: 1=RED 2=YELLOW 3= GREEN X02= JAN X03=JANTX
62035-X1X	M19500/51901 & 02 M19500/52001 & 02 M19500/52101 & 02	YES	PANEL MOUNT LED FIRST X: 1=RED 2=YELLOW 3= GREEN X12 = JANM X13=JANTXM
62040-X0X	1N6609-1N6611	YES *	LED / CLEAR LENS FIRST X: 1=RED 2=YELLOW 3= GREEN X02=JAN X03=JANTX
62040-X1X	M19500/51903 & 04 M19500/52003 & 04 M19500/52103 & 04	YES	PANEL MOUNT LED FIRST X: 1=RED 2=YELLOW 3= GREEN X12 = JANM X13=JANTXM
62041	19500/467	YES *	RED LED -102=JAN -103=JANTX
62041	19500/467	YES	PANEL MOUNT LED -112=JAN -113=JANTX
66092-XXX 1)	4N22, 23, 24 (/486) 4N47, 48, 49 (/548) 4N22A, 23A, 24A (/486) 4N47A, 48A, 49A (/548)	YES *	TO-5 PKG / JAN - JANTXV
66092-3XX 2)	4N22, 23, 24 (/486) 4N47, 48, 49 (/548) 4N22A, 23A, 24A (/486) 4N47A, 48A, 49A (/548)	YES *	TO-5 PKG – JANS
66138-XXX 3)	4N22U, 23U, 24U (/486) 4N47U, 48U, 49U (/548) 4N47BU, 48BU, 49BU (/548)	YES *	6 PIN LCC PKG / JAN-JANTXV
66138-3XX 4)	4N22U, 23U, 24U (/486) 4N47U, 48U, 49U (/548) 4N47BU,48BU, 49BU (/548)	YES *	6 PIN LCC PKG / JANS
67023	-011/-101 JAN4N51 (/708) -012/-102 JAN4N52 (/708) -013/-103 JAN4N53 (/708) -014/-104 JAN4N54 (/708)	YES	DISPLAY
* See note below if solder dip version is ordered See Notes 1-4 next page for number keys			

NOTE: Customer requirement for solder dipping any device may result in the device exceeding the 1000PPM lead concentration limit.

Information & Disclaimer: Information provided by Micropac on its website or in any other communication concerning the substance content of any of its products represents Micropac's interpretation of definitions and stated requirements and Micropac's knowledge and belief at the date that it is provided. Micropac bases its knowledge and belief on information provided by Micropac suppliers, laboratory results, and/or third party providers and makes no representation or warranty as to the accuracy of such information. Micropac has taken, and continues to take, reasonable steps to provide accurate and representative information but may not have conducted chemical analysis or testing on incoming materials or chemicals. In no event shall Micropac's liability arising out of such information exceed the cost of the device at issue.



NUMBERING KEYS

1) JAN – JANTXV TO-5 PKG (66092) KEY

DASH #	4N TYPE		LAST DIGIT CODE	
-60X	4NXXA JAN		-XX2	4N22
-61X	4NXX JAN		-XX3	4N23
-70X	4NXXA JANTX		-XX4	4N24
-71X	4NXX JANTX		-XX7	4N47
-80X	4NXXA JANTXV		-XX8	4N48
-81X	4NXX JANTXV		-XX9	4N49

2) JANS TO-5 PKG (66092) KEY

DASH #	4N TYPE / Slash Sheet		DASH #	4N TYPE / Slash Sheet
-332	JANS4N22 - /486		-342	JANS4N22A - /486
-333	JANS4N23 - /486		-334	JANS4N23A - /486
-334	JANS4N24 - /486		-344	JANS4N24A - /486
-337	JANS4N47 - /548		-347	JANS4N47A - /548
-338	JANS4N48- /548		-348	JANS4N48A - /548
-339	JANS4N49- /548		-349	JANS4N49A - /548

3) JAN – JANTXV 6 PIN LCC (66138) KEY

DASH #	4N TYPE – SLASH SHEET		FIRST DIGIT CODE	
-X02	4N22U - /486		-6XX	JAN
-X03	4N23U - /486		-7XX	JANTX
-X04	4N24U - /486		-8XX	JANTXV
-X07	4N47U - /548		-XX7	JAN
-X08	4N48U - /548		-XX8	JANTX
-X09	4N49U - /548		-XX9	JANTXV
-X17	4N47BU - /548			
-X18	4N48BU- /548			
-X19	4N49BU- /548			

4) JANS 6 PIN LCC (66138) KEY

DASH #	4N TYPE – SLASH SHEET
-302	4N22U - /486
-303	4N23U - /486
-304	4N24U - /486
-307	4N47U - /548
-308	4N48U - /548
-309	4N49U - /548
-317	4N47BU - /548
-318	4N48BU- /548
-3 19	4N49BU- /548

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