

GAL

CUPL(WM) 5.0a Serial# 60008009
Device gl6v8as Library DLIB-h-40-2
Created Tue Mar 31 01:14:53 2020
Name GAL 444-61-NET-RTC
Partno 00
Revision 02
Date 3/30/2020
Designer Norberto Collado
Company Koyado.com
Assembly None
Location None

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Expanded Product Terms

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363Q_L =>
 A0 & A1 & !A2 & !A3 & A4 & A5 & A6 & A7 & BIoRq_L & !BM1_H

Io362_L =>
 !A0 & A1 & !A2 & !A3 & A4 & A5 & A6 & A7 & BIoRq_L & !BM1_H
 # !A1 & !A2 & A3 & A4 & A5 & !A6 & !A7 & BIoRq_L & !BM1_H
 # A2 & A3 & A4 & A5 & !A6 & !A7 & BIoRq_L & !BM1_H
 # A0 & A1 & !A2 & A3 & A4 & A5 & !A6 & !A7 & BIoRq_L & !BM1_H

IoEnable =>
 BIOrq_L & !BM1_H

IoLP_L =>
 !A3 & !A4 & A5 & A6 & A7 & BIoRq_L & !BM1_H
 # !A3 & A4 & !A5 & A6 & !A7 & BIoRq_L & !BM1_H

IoRtc_L =>
 !A4 & A5 & !A6 & A7 & BIoRq_L & !BM1_H

IoSer0_L =>
 !A3 & A4 & !A5 & A6 & A7 & BIoRq_L & !BM1_H
 # A4 & !A5 & A6 & !A7 & BIoRq_L & !BM1_H

IoSer1_L =>
 A3 & A4 & !A5 & A6 & BIoRq_L & !BM1_H

IoTerm_L =>
 A3 & !A4 & A5 & A6 & A7 & BIoRq_L & !BM1_H

NMI_L =>

A1 & !A2 & A3 & A4 & A5 & A6 & A7 & BIoRq_L & !BM1_H
!A1 & !A2 & !A3 & A4 & A5 & A6 & A7 & BIoRq_L & !BM1_H

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                                Symbol Table
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Pin	Variable				Pterms	Max	Min
Pol	Name	Ext	Pin	Type	Used	Pterms	Level
---	-----	---	---	----	-----	-----	-----
!	363Q_L		18	V	1	8	1
	A0		1	V	-	-	-
	A1		2	V	-	-	-
	A2		3	V	-	-	-
	A3		4	V	-	-	-
	A4		5	V	-	-	-
	A5		6	V	-	-	-
	A6		7	V	-	-	-
	A7		8	V	-	-	-
!	BIOrq_L		9	V	-	-	-
	BM1_H		11	V	-	-	-
!	Io362_L		12	V	4	8	1
	IoEnable		0	I	1	-	-
!	IoLP_L		17	V	2	8	1
!	IoRtc_L		19	V	1	8	1
!	IoSer0_L		16	V	2	8	1
!	IoSer1_L		15	V	1	8	1
!	IoTerm_L		14	V	1	8	1
!	NMI_L		13	V	2	8	1

LEGEND D : default variable F : field G : group
 I : intermediate variable N : node M : extended node
 U : undefined V : variable X : extended
 variable
 T : function

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Fuse Plot

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Syn 02192 - Ac0 02193 x

Pin #19 02048 Pol x 02120 Ac1 x
00000 -----x--x----x--x----x-x
00032 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00064 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00096 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00128 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00160 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00192 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00224 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Pin #18 02049 Pol x 02121 Ac1 x
00256 x-x--x---x--x---x---x---x---x-x
00288 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00320 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00352 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00384 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00416 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00448 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00480 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Pin #17 02050 Pol x 02122 Ac1 x
00512 -----x---x--x---x---x---x-x
00544 -----x--x----x--x----x---x-x
00576 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00608 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00640 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00672 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00704 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00736 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Pin #16 02051 Pol x 02123 Ac1 x
00768 -----x--x----x--x----x---x-x
00800 -----x----x--x----x---x-x
00832 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00864 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00896 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00928 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00960 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
00992 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Pin #15 02052 Pol x 02124 Ac1 x
01024 -----x---x----x--x-----x-x
01056 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01088 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01120 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01152 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01184 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01216 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01248 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Pin #14 02053 Pol x 02125 Ac1 x

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01280 -----x----x--x---x---x----x-x
01312 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01344 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01376 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01408 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01440 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01472 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01504 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Pin #13 02054 Pol x 02126 Ac1 x
01536 x----x--x---x---x---x---x----x-x
01568 -x---x---x--x---x---x---x----x-x
01600 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01632 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01664 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01696 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01728 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01760 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Pin #12 02055 Pol x 02127 Ac1 x
01792 x--x-x---x--x---x---x---x----x-x
01824 -x---x--x---x---x----x---x---x-x
01856 ----x---x---x---x----x---x---x-x
01888 x-x--x--x---x---x----x---x---x-x
01920 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01952 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
01984 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
02016 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

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LEGEND      X : fuse not blown
            - : fuse blown

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