I The AA	deste: 31 february, 20
Lab little: Magnitu	da C
Lab Title: Magnitu	(omparator
Recorded and Suba	nitted By: Bhesaniya Abrisha
0-101	Bhesaniya Abhisha
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Descrive : To wo	
- lu 4 1	are fragram in VHOL & Very low both
in pe	site fragram in VHOL & Very log both it magnitude comparater and test it
in DE	DOC = T
may have and	
Implementation:	Higher In the Property was to
- Tarion	of the second problems of
Munitude	
tragatitude compe	water is logical Circuit and in
4-4 bit input an	unator is logical Circuit which has 2
WHOL Procedure:	
write a code to	. 11
Joi	4 bit magnitude comparator.
113 WE WIE CIECUM	ig with mathemetical equications we
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	Use leee std logic Usigned a
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fin inputs we are signal Aves:03 6	use leee . Std - logic Usigned a Use leee . numeric . std . au: e using signaly twis time. sw [3:0]
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* Viog Procedure	Loso Time Magnitude Compagn
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- for hibrary propert	(3:0]sw;
- we are wing	reg in tuis Program. reg [3:0] A.B. always and it stement.
	nent complitution and then workern on board.
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Put / Dutkut Variable Signal Alame [BLA Pin 70. SW [0] / A[0] SW [0] / A[1] SW [1] / A[2] SW [2] A[2] SW [2] / A[3]	put /output	5	A LOUIS TO
5W[0] /A[0] SW[1] /A[1] SW[2] A[2] SW[2] SW[2] SW[2] SW[2] SW[2] FIN - ACI2 FIN - ACI2 FIN - WIG SEP [1] SEP [2] SHEXO[2] SHEXO[2] SHEXO[3] SHEXO	Variable	signal Alema	-
SW [1] A[1] SW [2] A[2] SW [2] SW [2] A[2] SW [2] SW [2] A[2] SW [2] S			BUTA Pin no.
SW [2] A [2] SW [2] A [3] SW [2] A [3] SW [2] A [3] SW [3] A [3] SW [3] A [3] SW [3] A [3] SW [4] B [0] SW [5] B [1] SW [6] B [1] SW [6] B [1] SW [6] B [1] SW [7] B [1] SW [8] B [1]	5W[0]/A[0]	Cur	
SW [3]/A[3] SW [3]/A[3] SW [3]/A[3] SW [3] PIN - AF 10 PIN - AD 10 PIN - AC 9 PIN - AC 9 PIN - AC 9 PIN - WIG PIN - WIG PIN - WIG PIN - WIG PIN - AC 20 PIN		SW(0)	07
SW [4] B(0] SW (5) PIN - AF 10 SW [5] B(1) SW (6) PIN - AD12 SW [6] B(2) SW (4) PIN - AC 9 SW [7] 18(3) SW (8) PIN - AC 9 [ED [0] LEDR[0] PIN - VIG [ED [1] LEDR [1] PIN - WIG [ED [2] HEXD[0] PIN - AC 26 SLED [2] HEXD[0] PIN - AC 27 SLED [3] HEXD[3] PIN - AC 27 SLED [4] HEXD[1] PIN - AC 28 SLED [5] HEXD[1] PIN - AC 28 SLED [6] HEXD[1] PIN - AC 28 SLED [6] HEXD[1] PIN - AC 28 SLED [6] PIN - AC 28		SW(1)	PAN - ABIZ
SW [4] BLO] SW [5] BLI] SW [6] SW [6] PIN - AE II SW [6] SW [7] PIN - AE II SW [7] 18[3] SW [8] PIN - AC II LED [0] LEDR[0] PIN - WIG LED [1] LEDR [1] PIN - WIG LED [1] HEXO[0] PIN - AE 26 SLED [2] HEXO[2] PIN - AE 27 SLED [3] HEXO[3] PIN - AE 28 SLED [4] HEXO[4] PIN - AE 28 SLED [67] HEXO[6] PIN - AE 28	JW [3]/A[3]	2M(s)	P771 AC12
SW [5] [8[1]] SW [6] [8[2]] SW [6] [8[2]] SW [7] [8] SW [7] FIN - Acq FIN - VIG FIN - VIG FIN - WIG FIN - Acq FIN -		200 (3)	P701 AF 9
SW [5] B[1] SW [6] PIN - ADI2 SW [6] BIN - AE 11 SW [7] SW [8] PIN - ADI0 PIN - WIGHT PIN - WIGHT PIN - WIGHT PIN - AG26 PIN - AG27 PIN - AG28 P	SW [4] /BLO]	C	AF 10
SW [6] B[2] SW [4] PIN - AE II SW [7] 18[3] SW [8] PIN - ACQ [ED [0] LEDR[0] PIN - VIG [ED [1] LEDR[1] PIN - WIG [ED [2] HEXO[0] PIN - AE 26 SLED [3] HEXO[2] PIN - AE 27 SLED [3] HEXO[3] PIN - AE 27 SLED [4] HEXO[3] PIN - AE 27 SLED [6] HEXO[3] PIN - AE 27 SLED [6] HEXO[3] PIN - AE 28 SLED [6] HEXO[6] PIN - AE 28	SW [5] 18[1]	SW (2)	P721 A-
SW [7] 18[3] SW [8] SW [8] PIN - ACQ PIN - AD10 LED [0] LED [1] LEDR [1] PIN - WIG PIN - WIG SLED [0] HEXO[0] PIN - AG26 PIN - AG26 PIN - AG26 PIN - AG27 SLED [3] HEX 0[3] PIN - AG27 SLED [4] SLED [5] HEX 0[5] PIN - AG28			PTN OF
[ED [0]] [ED [0]] [ED [1]] [FIN - VIG [FIN - AG-26 [FIN - AG-26 [FIN - AG-27 [FIN - AG-27 [FIN - AG-27 [FIN - AG-27 [FIN - AG-28 [FIN	SW [7] 13137		P701 000
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LED [1] LEDR [1] LEDR [1] LEDR [1] PIN-W16 PIN-W16 PIN-AG26 PIN-AG27 PIN-AG27 PIN-AG27 PIN-AG27 PIN-AG27 PIN-AG27 PIN-AG27 PIN-AG28 PIN-AG28 PIN-AG28 PIN-AG28 PIN-AG28	[ED [0]	100000	HD10
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