

Analog to digital convention The following steps must be followed to data convenien by the ADE 804 cly 1. Make (5=0 and send a 1 to H Julse to Im we to >. Monitor the INTE pin, if high keep hollows but of low, carversion à complète, go to rest etf. 3. Male (s=0 and sand U-to L Jula to fin RD-10 git the deta out Figure slows the read and with tenens, for ADC-804. CS -WR 00-07-Dd a od INTH -Stat GNOO end cas 20 1208 ADC 804 D1.5 10K 1501= P2.6 CLKE CHE IN P1.0 DO Vin (+) Vu (-) POT AGND Vry/2 INTE Cono 02.7 0

Stepen noter Anterjey: stelle motes has a magnet not collect as set what surrounded by state. The states has a most weed a ha other end is housed with a ferred sequence such ted the motion to en a particula director 5-1 h angle: degree of notation of a It if and a defined as the minimum single stip. No of stylo he revolute = 300°/styl angle SII her second = ( vpm x sth per revoluta )/60 Example stef age = 10

No of stp for revolten = 180 Suestding Sequene of Motor: As discussed earlier the coils need to be enough of the notes its Can be done by sending a sit requare to one end of the coil will the other and & commandy cornected. The lit sequese set at an make its one that on a two that he sell stop sequences it can be a comband of one and two these on for ag SHI sequen Both are talabated leas Full sth Two blase ON lown - Uom clodusi ABCD Stop # 1 1 0 0

Cohoise	Styt	4	B	c	b
	1	1	0	0	0
	2	0		0	0
	3	0	0	1	0
1	5	0	0	0	1

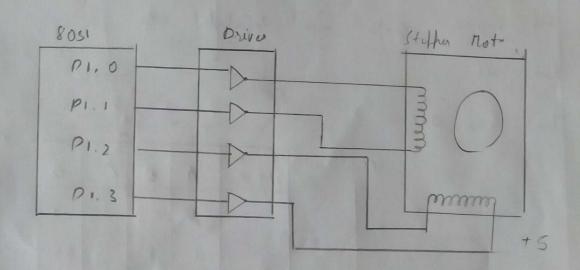
lourd - Clous

Half Step (8 - sequence)

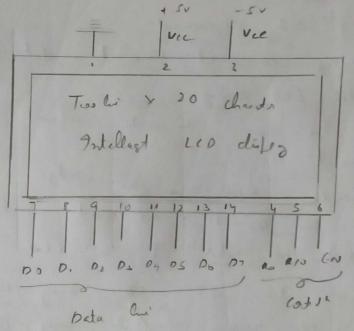
The sequence is taleslated below

SIPH	Δ	B	(	Ь
1	1	0	0	1
2	1	0	0	6
3	- 1	1	0	0
9	0	1	0	0
5	0	4	1	0
6	0	0	1	0
7	0	0	1	
8	0	0	0	

8051 Conneden to style Codo



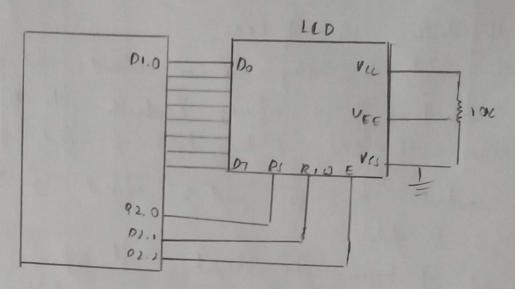
plain neatly how you can interface 8051 100 deflay! ICD's are widely used and prefured over LCDs (7 seg a nulti segret ( 0= b's) due to the Pollowing reason i) the declining her of LEOS ril the alelety to display number, character and graffic iii) Incorporation of a refrests controller into the LED, they oretracionis the CPU of the look of refrests the LCDen contrast, the 150 nust be referred by the cas to had deployaj He data. (x) ad of hojem - to clarado and gapes. Ils exercia an estelled LCO delles of how as , 10 decho her line, that is exterfered to the EDSI



-) The display contain two whend byte with regs, as to commed (es-0) 9 the search to lead to be dify! - at also contains a cush - programmed RAM ( He charch born) that Can be programmed to greater any desir characte that cance fund usy a dot mike.

-1 Post is used to Furnesh the connect a dot left & hat Rund of aled 1 with lus.

-) The deflag tolers vary, amounts of the to accordant the to -> Usually LID St D7 is morning for a logic log to some the delp a not over willing



LO Conneda to 8051

allows the custured command such a clas code ros is solder allows the an to sad command.

-) said is clear display, cursor at home it. date is treated as a command to the LCD display.

- 2100 c/p allows the user to with whend to the 1000 Hand aformed from to

-1 RIND = 1 who reeks RIW = 0 who windy

The elet date his 50-07 are used to sound of to

the lep or read the estate of the LLD wing

The COP is read then RID = 1 and RID is By by to

(me of what ohers I not and no d.

refore Esdemel MAM & DA to 6051 muchle in del & Interfeció extend non with faci: In 8051 had 092 houch 16 12 added to access the soll meng. -1 po i melther laddres /data bus. -) By using ALE H ALE = > -1 dd. hath (acces dot pon po) ALE: 1 - address Lath (access clash adds Man po) signed of 8051 must be conneded to (PSEN) the OF from codais the hossan toder -1 EA tri lactu (20) :1-) Pgm 5 and 30 Roll 0 - Pgm to se accus Pom estry 19m nong - PSEN : 0 - (as accord sectional menon) 1 - Connot access estud many -) latu is a 8 4 latch used Fu addres 9 data multi Ksenj - 1 Esta d'hogram nemog acces à hossille in 606 à 1 th KA m G low -) It is necessary to lath the low adds byte token the ested program byte is read on the dda bus. The low ad ords addens Lyte is lattled as the ALI hulse goes low.

