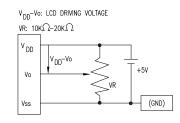
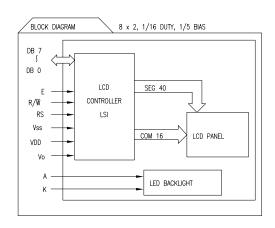


UNCONTROLLED DOCUMENT	PART NUMBER	LCM-H00802DSF	REV.	

PIN C	ONFIGURATION				
PIN NO.	SYMBOL	LEVEL	FUNCTION		
1	Vss	-		GND (OV)	
2	V _{DD}	-	POWER SUPPLY	5V	
3	Vo	-		FOR LCD DRIVE	
4	RS	H/L	REGISTER SELECT SIGNAL H: DATA INPUT L: INSTRUCTION INPUT		
5	R/W	H/L	H: DATA READ (MODULE>MPU) L: DATA WRITE (MODULE <mpu)< td=""></mpu)<>		
6	E	H,H->L	ENABLE DATA BUS-SOFTWARE SELECTABLE 4 OR 8 BIT MODE.		
7~14	DB0~DB7	H/L			





ITCH (SYMBOL	CONDITION	STANDARD VALUE			
ITEM		MIN.			TYP.	MAX.	UNIT	
SUPPLY VOLTA	GE FOR LOGIC		V _{DD} -Vss	-	-	5.0	-	٧
SUPPLY CURRENT FOR LOGIC			I DD	V _{DD} =5V	-	2.0	3.0	mA
INPUT VOLTAGE OUTPUT VOLTA		HIGH	v _{IH}	-	2.2	-	V _{DD}	٧
		LOW	V _{IL}	-	0	-	0.6	٧
		HIGH	V _{OH}	-	2.4	-	-	٧
	GE	LOW	V _{OL}	-	-	-	0.4	٧
	VOLTAGE		Vf	lf=70mA	-	4.5	5.0	٧
*LED BACKLIGHT	CURRENT		lf	-	-	70	110	mA
	POWER CUNSUM	IPTION	PD	_	-	315	-	mW
	LUMINOUS		L	lf=70mA	70	-	-	cd/m ²
	COLOR		-	=	-	-	-	nm

*ONLY APPLIES TO MODULES WITH BACKLIGHT

		TEST	STANDAR	STANDARD VALUE		
ITEM	SYMBOL	CONDITION	MIN	MAX	UNIT	
SUPPLY VOLTAGE FOR LOGIC	V _{DD} -Vss	Ta=25*C	4.7	5.3	٧	
SUPPLY VOLTAGE FOR LCD DRIVE	V _{DD} -Vo	-	4.2@50°C	4.8@0°C	٧	
INPUT VOLTAGE	v ₁	Ta=25*C	Vss	V _{DD}	۷	
OPERATING TEMPERATURE	Topr	LCM-H	-20	70	·c	
STORAGE TEMPERATURE	Tstg	LCM-H	-30	80	·c	

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\frac{+DECIMAL}{-DECIMAL}$ PRECISION MAX.= $\frac{+0.00}{-DECIMAL}$ PRECI

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FAX: +1.847.359.6538	CONFIDENTIAL INFORMATION	SCALE:	N/A	APRVD BY:	KF
PALATINE, IL 60067-6976 PHONE: +1.847.359.2790	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**	PAGE:	2 OF 2	CHKD BY:	BC
290 E. HELEN ROAD	5.56mm CHARACTER HEIGHT, 5x8 DOT MATRIX, 8x2, LCD MODULE, STN BLUE, YELLOW-GREEN LED BACKLIGHT.	DATE:	06.01.10	DRAWN BY:	JH

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