

UN	ICON	TRO		D DOC	TUMENT	_					SC:1		part n 		DSF		REV.
	/ PIN	CONFIGUR	ATION 🔪								,						
	(PIN NO.) SYMBOL LEVEL FUNCTION											PRELIN	1INAR [®]	YIN	P/	ND	IR
	1~8 DBO~DB7 H/L DATA BUS-SOFTWARE SELECTABLE 4 OR 8								. – 						. / .		
	9 E1 H,H->L ENABLE 1																
	10 R/W H/L H: DATA READ (MODULE>IL: DATA WRITE (MODULE <>IL: DATA WR																
					REGISTER SELECT SIGNAL						05						
	11	R\$		H; DATA INPUT					V _{DD} -Va: LCD DRIVING VOLTAGE BLOCK DIAGRAM 40 x 4, 1/16 DUTY, 1/5 BIAS								
				L: INSTRUCTION				_	VR: 10Kn -20Kn								
		12 Vo -		_	DRIVE			_				4 DRIVER x 4					
	13	Vss	-	POWER SUP					_		. 5 V	DBOT					_ L
	14	Voc	-		5V				_					60		ж К	
	15	E2		ENABLE 2					_		(0)(0)						
	16	-	-	NO CONNECTIO					4	Vss (x 2				
		A	-		NODE FOR BACKLIGHT												
		К	-	CATHODE FOR	BACKLIGHT									COM 16		PANEL	
		ical chaf	RACTERISTI	cs v _{DD} =	4.7V to 5.3V, T _A							K		D BACKLICH	Τ		
		01 TADE EAD 1 0010		SYMBOL	CONDITION	STAN Min.											
	SUPPLY VOLTAGE SUPPLY CURRENT			V _{DD} -Vss	 	-	- 5.0	-	V	AR	SOLUTE I	MAXIMUM RATINGS	`				
	SUPPLY L	NKKENTI			V _{DD} =5V	-	4.0	10.0	mA V					TFOT			
	INPUT VOLT	TAGE	HIGH	V _{IH}	-	2.2	-	V DD 0.6	V V	ITEM			SYMBOL	TEST CONDITION	STANDAR		UNIT
			LOW	VIL		0	-								MIN	MAX	
	ουτρυτ ν		HIGH	V _{OH}	_	2,4	-			PLY VOLTAGE FOR LOGIC PLY VOLTAGE FOR LCD DRIVE		VDD-Vae	Ta=25°C	4.7	5.3	V	
		1011		VOL Vr		-	-	4.6	V					- Ta-95°0	4.20250°C		V
		VOLTAGE CURRENT		VI If			4.2 500	4.0			r voltage			Ta=25°C LCM-S	Vss D	V _{DD} 50	·
	LED	POWER CUNSUMPTION					2100	_	mA mW	OPER/	OPERATING TEMPERATURE		Topr	LCM-S	-20	- 50 - 70	с С
	BACKLIGH	GHT LUMINOUS					2100	-	cd/m ²				+	LCM-H	-20	70	<u>с</u>
		COLOR		L		-	-	_		STORA	TORAGE TEMPERATURE		Tstg	LCM-3	-20	70 85	
	ـــــــــــــــــــــــــــــــــــــ		RWISE SPECIFI	ed Tolerances per	decinal precision are	: X=±1 (:	±0.039),	1 XX=±0.5	·1	=±0.25 (±0.010), X.XXX=±0.177 (±0.005). 1	lead size=1	UNCO ±0.05 (±0.002), LEAD LEA) M <i>TRC</i> 16T1+=±0.75 (±0.1	ULEL			
						-				IFIDENTIAL INFORMATION	2	344 240	· · · · ·	O E. HEL			
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					8 DOT MATRI 6 DUTY, 1/5			IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THRD PARTIES. <u>RELABILITY NOTE</u> OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAURE CAUSE OF EARLY AND FUTURE FAILURE.				WN BY: CHE	CKED BY:	WEB: W			.w 4.29.02 2 OF 2
				E, WITH LED	•		-			Ar Cause of Early and future failure. Mon to your soldering process.		СТ				SCALE:	

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