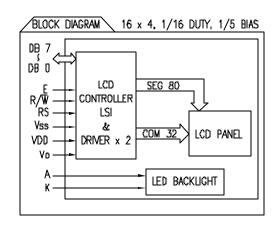
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	PART NUMBER		REV.
	LCM-X01604DXX		А
/ .	E.C.N. NUMBER AND REVISION COMMENTS	D/	ATE
	SEE PAGE #1./		

PIN	N CONFIGUR	АТІОН 🖊					
PIN NO	SYMBOL	LEVEL	FUNCTION				
1	Vae	-		GND (OV)			
2	V_{DD}	-	POWER SUPPLY	5∨			
3	Va	-		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				
7~14	DBO~DB7	H/L	DATA BUS-SOFTWARE	SELECTABLE 4 OR 8 BIT MODE.			
15	Α	_	AN⊘DE	LED BACKLIGHT			
16	К	_	CATHODE	LED BACKLIGHT			

	-Vo: LCD DRIVING VOLTAGE 10ΚΩ –20ΚΩ
V _{DD}	V _{DD} -Va
Vo	VR T+5V
V55	(GND)



/ ELECTRIDAL CHARACTERISTICS / VDD=4.7V to 3.3V, IA=23 C								
ITEM			SYMBOL	ATZ NOITIONOS	STAN	DARD V	UNIT	
IIEM					MIN.	TYP.	MAX.	UNII
SUPPLY VO	LTAGE FOR	LOGIC	V _{DD} -Vss		-	5.0	1	>
SUPPLY CURRENT FOR LOGIC			ממי	V _{DD} =5V	-	2.0	3.0	mΑ
	INPUT VOLTAGE HIGH LOW		٧H	ı	2.2	-	4.7	٧
INPUT VOLT			٧ _{IL}	ı		-	0.6	٧
	HIGH		Λ ^{OH}	=	2.4	-	1	٧
COUTPUT VO	LTAGE	LOW	V _{OL}	-	_	-	0.4	٧
	VOLTAGE		Vf	lf=260mA	_	4.2	4.5	٧
*IFD	CURRENT		lf	=	_	260	400	mA
BACKLIGHT	POWER CUNSUMPTION		PD	=	_	1092	_	mW
BACKLIGHT	LUMINOUS			lf=26ΩmΔ	70	_	_	cd/m ²

ABSOLUTE MAXIMUM RATINGS	_A				
ITFM	SYMBOL	TEST	STANDARD VALUE		UNIT
IIEM	21 MDUL	CONDITION	MIN	MAX 5.3	UNII
SUPPLY VOLTAGE FOR LOGIC	VDD-Vss	Ta=25°C	4.7	5.3	٧
SUPPLY VOLTAGE FOR LCD DRIVE	Vpp-V₀	-	4.2@50°C	4.8 0 0°C	٧
INPUT VOLTAGE	VI	Ta=25°C	V59	V DD	٧
OPERATING TEMPERATURE	Topr	LCM-S	0	MAX 5.3 4.8 0 0°C V _{DD} 50 70	ှ
OFFICATING TEMPERATURE	торі	LCM-H	-20	70	္
STORAGE TEMPERATURE	Teta	LCM-S	-20	70	្
STORAGE TEMPERATURE	1909	LCM-H	-30	85	្
•					•

*ONLY APPLIES TO MODULES WITH BACKLIGHT

COLOR

UNCONTROLLED DOCUMENT

A CM-X01604DXX

4.75mm TALL, 5 x 8 DOT MATRIX,

16 x 4 CHARACTER LCD MODULE, 1/16 DUTY, 1/5 BIAS.

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LUMEX INCORPORATED 290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
PHONE: 1-847-359-2790
WEB: HTTP://WWW.LUMEX.COM

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