



ABSOLUTE MAXIMUM RATING				
ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY(LOGIC)	VDD-VSS	0	6.5	V
POWER SUPPLY(LCD DRV.)	VDD-V0	0	18.0	V
INPUT VOLTAGE	VI	VI	VDD	V

PINS ASSIGNMENT				
NO.	SYMBOL	NO.	SYMBOL	SYMBOL
1	FG	21	K	K
2	VSS	22	NC	NC
3	VDD	23	SDATA	SDATA
4	V0	24	CDATA	CDATA
5	RS	25	M	M
6	RW	26	CL1	CL1
7	E	27	CL2	CL2
8-15	DB0--DB7	28	NC	NC
16	/CS	29	VDD	VDD
17	/RES	30	VSS	VSS
18	VEE	31	V0	V0
19	NC	32	VEE	VEE
20	A	33,34	A,K	A,K

ELECTRICAL CHARACTERISTICS					
ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC SUPPLY CURRENT	VDD-VSS IDD	4.75	5.0	5.25	V
LCD OPERATING VOLTAGE	0C 25C 40C VDD-V0	-	16.0	-	V
		-	15.0	-	V
		-	14.0	-	V
INPUT VOLTAGE	H L VIH VIL	0.7VDD	-	VDD	V
		0	-	0.3VDD	V

NOTES

1. LCD TYPE: GRAY STN, POSITIVE, TRANSPARENT
2. BACKLIGHT: LED ARRAY, YELLOW / GREEN
3. TEMPERATURE RANGE: 0°C ~ +50°C
4. POWER SUPPLY: ON BOARD DC/DC (SINGLE 5.0V)
5. VIEWING ANGLE: 6:00



INFORMATION CONTAINED HEREIN IS PROPRIETARY TO LXD, AND MAY NOT BE USED OR DISCLOSED WITHOUT THE PERMISSION OF LXD

DESCRIPTION	240 X 128 DOTS		
PART NUMBER	M4273A		
DRAWING	3521	REV	-
DRAWN	RRN	DATE	11/14/2011
SHEET	1	OF	-

DO NOT SCALE