

**SPECIFICATIONS FOR
LIQUID CRYSTAL DISPLAY MODULE**

MODEL NO : ALP50007-30RGBB

CUSTOMER :

APPROVED SIGNATURE

DSGD :

CHKD : Peter

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DATE : 2020-04-21

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Model No: ALP50007-30RGBB

Revision Record

No.	Date	Model No.	Version	Remarks
1	2020-04-21	ALP50007-30RGBB	REV.0	Spec RoHs-Compliant



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MECHANICAL SPECIFICATION

ITEM	DESCRIPTION
Product No.	ALP50007-30RGBB
Controller Board Size	-
Light Bar Size	504(W)×7.0(H)×1.26(D) mm
Controller Interface	-
ROM Selection	-
Built-in	-
Module Weight	T.B.D

PIN ASSIGNMENTS

CN1

Pin No.	Pin Out	Level	Description
1.	VDD	+5V	Power Supply Voltage
2.	VSS	0V	Power Supply Ground
3.	DIN	H/L	Data input
4.	NC	-	No connection



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ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

Symbol	Parameter	Condition	Min.	Typ.	Max.	Units
VDD	Supply Voltage			5.0	5.5	V
VIH	Input High Voltage		0.7VDD		VDD+0.3	
VIL	Input Low Voltage		VSS -0.3		0.3VDD	
IDD	Power Supply current	@VDD=5V	116	-	450	MA
	PEAK WAVELENGTH (Single LED)	R	-	630	-	NM
		G	-	520	-	
		B	-	470	-	
	LUMINOUS INTENSITY (Single LED)	R	-	47	-	MCD
		G	-	92	-	
		B	-	38	-	
	VIEWING ANGLE			130		2xtheta1/2

