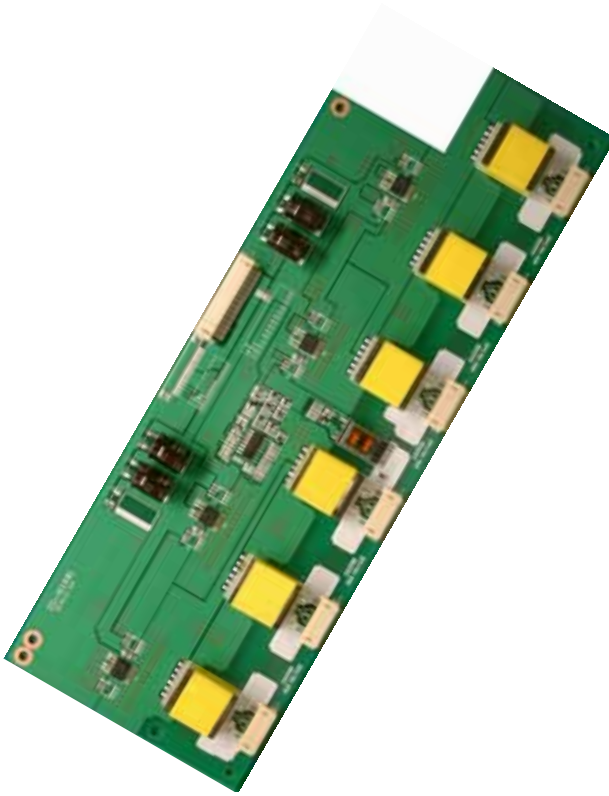


DS-1424WL(24V)



Features

- Drive 12-lamps
- 12 straight lamps & 6 C-shape lamps BLU are available
- Nominal current 6.5 mArms for each lamp
- 21.6 to 26.4V input voltage range
- Accurate and stable output current regulation
- All lamp operation frequency synchronized
- Voltage controlled dimming
- External-PWM Dimming control (Option)
- Long lamp life with soft start
- High efficiency
- Low EMI and spurious noise

Applications

- 20.1~24" high brightness LCD TV & Monitor

Electrical characteristics

Parameter	Symbol	Conditions*	Specification*			Unit
			Min	Typ	Max	
Input supply voltage	V_{IN}		21.6	24.0	26.4	V
Input current	I_{IN}	$V_{IN}=24V, V_{BRT}=0V$	3.0	3.5	4.0	A
Full bright lamp current	$I_{O(MAX)}$	$V_{IN}=24V, V_{BRT}=0V$	5.5	6.5	7.5	mArms
Minimum lamp current	$I_{O(MIN)}$	$V_{IN}=24V, V_{BRT}=5.0V$	2.0	3.0	4.0	mArms
Operating frequency	F_O	$V_{IN}=24V, V_{BRT}=0V$	45	50	55	KHz
Dimming ratio		$V_{IN}=24V, V_{BRT}=0$ to 5.0V		2 : 1		
Striking time		$V_{IN}=24V, V_{BRT}=0$		0.5		sec
Efficiency		$V_{IN}=24V, V_{BRT}=0V$	75	84		%

* At the reference of 24" LCD-module(LTM240M2-L01) of Samsung

DS-Plus Inc./ ()

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