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REVISEMENTS

REVDESCRIPTIONBYDATE

ARELEASEDLM

NOTES (UNLESS OTHERWISE SPECIFIED):

POWER SUPPLY

pg. 2

SERIAL COMMUNICATION

pg. 2

LIGHT SENSOR
(FOR DISABLING LEDs
IN SITU)

pg. 2

NVRAM

pg. 2

MICROCONTROLLER
@ 4MHz

pg. 4

WATER DETECTOR

pg. 4

HALL SENSORS

pg. 4

CPLD

HBRIDGE PROTECTION

QUADRATURE DECODER
@ 4MHz

pg. 3

H-BRIDGE

pg. 3

POWER/GND TABLE

REF. DES.	PART	DRTN	+3.3V	+12V
U1	PIC16C77	6, 29	7, 28	
U2	AT45DB011	7	6	
U3	MAX3320	17	19	
U4, U5, U6, U7	PS2701			
U8	REG1117	1	2, TAB	
U9	MAX3471	5	8	
U10	OPT101	3, 8		1
U11	XCR3064XL	16, 24, 36	9, 17, 29, 41	

DRAFT ONLY

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Title:

"Smart" Shutter Controller

Drawn By:

Lance McBride

Doc. #:

101356

Rev:

B

Date:

12/28/01

Sheet:

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