

night-activated-switch-bom

Night Activated Switch

Part	Value	Package	Description	COST01	COST10	COST100	IDS	IGS	MFR	MPN
FAB	Rev.A			\$2.00	\$1.40	\$1.00				
F1	2.6A	BOURNS-MF-MSMF	Fuse	\$0.75	\$0.60	\$0.50			Bourns	MF-MSMF030
LOAD	2-pin, RA	MOLEX-105313-XX02	NanoFit Single Row 02P	\$1.20	\$0.90	\$0.80			Molex	105313-xx02
LS1	Light Sensor	LIGHT-SENSOR-MODULE-B07QKJPWCG	Photocel Light Sensor	\$2.00	\$2.00	\$1.40			Amazon	B07QKJPWCG
PCELL	2-pin, RA, SMT	S2B-PH-SM4-	2 pin connector	\$0.60	\$0.50	\$0.40			JST	S2B-PH-SM4
PWRIN	5569-02XX	MOLEX-5569-02XX	MiniFit Jr. 2-pin	\$1.20	\$0.86	\$0.80			Molex	26-01-3127
Q1	2N7002	SOT-23	FET	\$0.20	\$0.16	\$0.09	0.2A			2N7002
Q2	SI2318A	SOT-23	FET	\$0.38	\$0.30	\$0.18		5A		SI2318A
R1	10K	0603-RES	Resistor	\$0.05	\$0.04	\$0.02				
R2	10K	0603-RES	Resistor	\$0.05	\$0.04	\$0.02				
R3	10K	0603-RES	Resistor	\$0.05	\$0.04	\$0.02				
R4	10K	0603-RES	Resistor	\$0.05	\$0.04	\$0.02				
R5	12K	0603-RES	Resistor	\$0.05	\$0.04	\$0.02				
R6	10K	0603-RES	Resistor	\$0.05	\$0.04	\$0.02				

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