

STEVAL-ILL010V1 Bill of materials

Type	Reference	Part	Supplier Order Code
Ceramic Capacitor	C1	10uF	N/A
Tantal Capacitor	C2	10μF; 35V	N/A
Capacitor SMD 0805	C3	22nF	N/A
Capacitor SMD 0805	C4	220pF	N/A
Schotky Diode	D1	STPS340U	STMicroelectronics
Connector	J1	8 -24V	N/A
Connector	J2	Output	N/A
Connector	J3	3.3V Vref	N/A
Connector	J4	Dimming Input	N/A
Connector	J6	GND	N/A
Coil	L1	100μH; 1.2A; 0.33Ω	Würth Elektronik 744 562 0
Resistor SMD 2010	Rsense	0.33	N/A
Resistor SMD 0805	R1	9k1	N/A
Resistor SMD 0805	R2	5k1	N/A
Resistor SMD 0805	R3	510	N/A
Resistor SMD 0805	R4	1k	N/A
Resistor SMD 0805	R5	8k2	N/A
Resistor SMD 0805	R6	27k	N/A
Converter	U1	L6902D	STMicroelectronics