

Document reference:	PCB reference: STEVAL-ISA113V1
Company: STMicroelectronics	

Ref.	Part	Description	Manufacturer	package	codice RS
Cin1		2.2μF, 400V NHG series electrolytic capacitor	PANASONIC	through hole	365-4723
Cin2		4.7μF, 400V AX series electrolytic capacitor	Rubycon	through hole	
CVDD		1μF, 50V electrolytic capacitor	Murata	1206	723-5095
Cout		330μF, 16V ZL series ultra-low ESR electrolytic capacitor	RUBYCON	through hole	
Cfilt2	not mounted	ceramic capacitor		through hole	
Cfilt1		100nF, 50V ceramic capacitor		0805	
Cc		10nF, 50V ceramic capacitor		1206	
Cp		1nF, 50V ceramic capacitor		1206	
Cfb		1nF, 50V ceramic capacitor		0805	
D0	MB6S	600V 1A Diode Bridge	VISHAY	TO-269AA	629-0322
D2	STPS2H100	100V, 2A, Power Schottky rectifier	ST	SMA	
Daux	1N4148W	Surface mount fast switching diode	ZETEX	SOD-123	738-4728
R0		4.7Ω 3/4 W resistor		through hole	
RLIM		15kΩ 5% 1/4W resistor		0805	
Rc		47kΩ 5% 1/4W resistor		0805	
RfbH1		33kΩ 1% 1/4W resistor		0805	
RfbH2		0Ω		1206	
RfbL1		12kΩ 1% 1/4W resistor		1206	
RfbL2		0.47kΩ 1% 1/4W resistor		0805	
IC1	VIPer06HS	Off-line high-voltage PWM controller	ST	SSO-10	
T1	1921.0040	Transformer	MAGNETICA	through hole	
Lin	B82144A2105J	1mH inductor LBC series	EPCOS	through hole	191-1175
J1		Jumperlink,2 way,closed,connector,2.54mm		through hole	334-561
		Connector,PCB,jumper system,header,0.1in pitch,wire wrap		through hole	334-549
IN, OUT		2 way PCB vertical mount terminal,2.54mm	PHOENIX CONTACT	through hole	220-4260