

Sales code: <b>STEVAL-ISA071V2</b>	Project code: <b>EMMA381</b>
Company: <b>STMicroelectronics</b>	Project name: <b>Viper16 non isolated flyback -5V/+7V</b>

Index	Quantity	Reference	Value / Generic Part Number	Package / Class	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
1	1	R1	22R/2W/5%				GME	114-044
2	2	R2, R7	200k/5%	1206				
3	1	R3	47k1%/0.1W	0805				
4	1	R4	47k5%/0.1W	0805				
5	1	R6	9k1/1%/0.1W	0805				
6	1	C1	220uF/25V/105°C	D10 RM 5	Rubycon	220uF/25V/ZL	Farnell	1144699
		C7	100uF/25V/105°C	D6.3 RM 2.5	Rubycon	100uF/25V/ZL	Farnell	1144697
7	1	C2	1n/500V	1206				
8	2	C4, C5	10uF/400V/105°C	D10 x 20 RM 5	Samwha	BL	Rutronik	KEL14024
or					Samwha	WL	Rutronik	KEL12236
or					Rubycon	400BXA10M	Rutronik	KEL14255
9	1	C8	1n/50V	0805				
10	1	C9	100n/50V	0805				
11	1	C10	10uF/35V/105°C					
12	1	L1	2.2mH/80mA				GME	611-016
13	1	T1	EF16	EF16 - 8 pin	EPCOS	T5684/51/01	DOE	
14	1	D1	1N4148	SOD80				
15	1	D2	STPS1H100	SMA	ST	STPS1H100	ERA	STPS1H100
16	2	D3, D6	SMD 1N4007	Melf / SMA				
17	1	D4	STPS1L60	SMA	ST	STPS1L60	ERA	STPS1L60
18	1	D5	STTH1L06	SMA	ST	STTH1L06	ERA	STTH1L06
19	1	U1	Viper16L	DIP-7	ST	VIPER16L	ERA	
20	1	J1	Screw terminal 2pos	RM 5mm		ARK 210/3	GME	821-084
21	1	J2	Screw terminal 3pos	RM 5mm		ARK 210/2	GME	821-083
22	4	M3 / 6					GME	662-005
23	4	M3 Distance plastic					GME	623-071