

Sales code: STEVAL-ISA096V1	Project code: EMMA518
Company: STMicroelectronics	Project name: Viper06 buck-boost converter

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	27k/1%/0.1W	0805				
2	1	R2	22R/2W/5%/WW	TH - wire wound			Farnell	173-8521
3	1	R3	24k/1%/0.1W	0805				
4	0	R4	N.A.	0805				
5	0	R5	N.A.	0805				
6	0	C1	N.A.	18 x 6 x RM15				
7	1	C2, C10	3.3uF/400V	R10 x 13, RM 5mm			Farnell	1822749
8	1	C3, C4	1uF/25V/X7R	1206				
9	2	C5	47uF/50V	R6.3 x 11 RM2.5			GME	123-717
10	1	C6	N.A.	0805				
11	1	C7, C8	1n5/50V	0805				
12	1	L1	1mH/80mA				GME	611-011
13	1	L3	1mH/500mA, HV	R 8 x 10, RM 5mm	Würth	768 772 102	ST - Prague	
14	2	D1, D2	1N4007	Melf / SMA				
15	2	D3, D4	STTH1L06A	SMA	ST	STTH1L06A	ERA	STTH1L06A
16	1	D5	1N4148	SOD80				
17	1	DZ1	ZD/15V/5%	SOD80				
18	1	U1	VIPER06XD	SSO10	ST	VIPER06XD	ERA	VIPER06XD
19	1	J1	Screw terminal 2pos	RM 5mm		ARK128V-A-2P	GME	821-097
20	1	J2	Screw terminal 3pos	RM 5mm		ARK128V-A-3P	GME	821-099