

Document reference: <b>STEVAL-ISA133V1</b>	PCB reference:
Company: www.st.com	
<b>STMicroelectronics</b>	

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
1	1		PCB ALTAIR04 R1					
2	1	C1	Electrolitic Capacitor 1000uF 16V 105° LOW ESR Rubycon 16ZL1000MEFC10X20	Ø10x20 - pitch 5			RS	703-7267
3	1	C10	Ceramic Capacitor 4,7nF 50V	0805				
4	1	C11	Ceramic Capacitor 1nF 50V	0805				
5	1	C12	Electrolitic Capacitor 3,3uF 35V 105°	Ø6,3x10 - pitch 2,5			RS	224-4303
6	1	C13	Electrolitic Capacitor 100uF 16V 105°	Ø6,3x10 - pitch 2,5	Rubycon	YXF	RS	224-4173
7	1	C2	Electrolitic Capacitor 470uF 16V 105° Rubycon 16YXH470MEFC10X12.5	Ø10x12,5 - pitch 5			RS	725-8896
8	1	C3	Electrolitic Capacitor 22uF 400V 105° Rubycon 400BXC22MEFC12.5X25	Ø12.5x25 - pitch 5			RS	726-0713
9	2	C4-C14	Ceramic Capacitor 1uF 25V	0805				
10	1	C5	Electrolitic Capacitor 470uF 10V 105° Rubycon 10ZL470MEFC8X11.5	Ø8x11,5 - pitch 3.5			RS	703-7220
11	1	C6	Capacitor 220nF X2 p=15mm	THT	EPCOS	B32922		
12	1	C7	Polyester Capacitor 2,2nF class Y1 DE1E3KX222MA5B	THT			FARNELL	353-1995
13	1	C8	Ceramic Capacitor 470nF 50V	0805				
14		C9	Ceramic Capacitor 100nF 50V	0805				
15	1	CN1	Screw terminal, 3 pin	p. 5,08				
16	1	CN2	Screw terminal, 2 pin	p. 5,08				
17	2	CN3, CN4	Connector female Molex KK100 90°	THT			RS	296-5088
18	1	D1	Diode STPS2150A	SMA			RS	249-606
19	1	D2	Transil SMA6J188A	SMA			RS	485-9266
20	1	D3	Diode STTH1L06A	SMA			RS	486-2931
21	1	D4	Diode STPS1L30A	SMA			RS	485-8061
22	1	D5	Diode BAT41	DO35			RS	544-4679
23	1	F1	Fuse 4A T (with fuse-holder)	THT				
24	1*	CM1	Choke common mode Epcos B82721-K2701	THT			FARNELL	1219100
25	1	L1	Inductor 4,7uH Epcos B82462G4472M	SMD 6X6			FARNELL	743-0000
26	1	L2	Inductor 1mH Epcos B82422H1105K	2220			RS	496-1347
27	1	NTC1	NTC 16R 2,4W Epcos B57236S0160M	THT			DISTRELEC	730576
28	1	PD1	Diode bridge DF06S	SMD			RS	629-0243
29	1	Q1	LF33AB STM	Dpak			FARNELL	108-7183
30	1	R1	Resistor 1K8 5%	1206			FARNELL	933-7172
31	0	R5	Resistor	1206			NM	NM
32	1	R2	Resistor 1R3 1%	1206			FARNELL	139-9768
33	0	R3	Resistor 15R 1%	1206			NM	NM
34	1	R4	Resistor 8K2 1%	1206				
35	1	R6	Resistor 8K2 1%	1206				
36	1	R7	Resistor 27K 1%	1206			FARNELL	933-6273
37	1	R8	Resistor 51K 1%	1206			FARNELL	933-6630
38	1	R9	Resistor 0R 1%	1206			FARNELL	146-9963
39	1	RV1	VARISTOR EPCOS B72214S0321K101	THT			FARNELL	100-4318
40	1*	TR1	Transf. MAGNETICA • 2198.0013	THT				
41	1	U1	ALTAIR04-900	SO16	ST			
42	1		Fuse-holder	THT				
43	4		Nylon spacer M3x5 M/F					