

		<b>PROJECT NAME:</b>		<b>STEVAL-ILD003V2</b>					
<b>BILL OF MATERIALS</b>									
Item	Quantity	Reference	Part / Value	Voltage Current	WATT	PACKAGE	Manufacturer	Manufacturer Code	RS/Distelec/Other Code Vendor
1	2	C1,C3	1u	25 V				RS	192-001
2	1	C5	100n X2	275 V				RS	725-7521
3	2	C7,C8	10n	16 V		1206		RS	669-8647
4	2	D2,D4	BZX84C15	15 V		DO-35		Farnell	9844511
5	2	D3,D5	1N4148			Melf		RS	443-3690
6	1	F1	Fuse socket					Farnell	976-120
7	1	F1	FUSE	5A				Farnell	117-5132
8	6	Vc1,Vac1,Gx1,Vac2,Gx2,Vc3	TP					RS	305-0890
9	1	J1	CON2				WEIDMULLER	Farnell	1866444 and 1866538
10	1	L1	29 µH	5A				RS	617-1322
11	2	Q1,Q3	PMBT2222A			SOT 23		Farnell	1081475RL
12	2	Q2,Q4	MMBT2907A			SOT 23		Farnell	9846824RL
13	1	RP	220k		1 W		Vishay P16	Farnell	1357134
14	4	R4,R5,R7,R8	10k		0.125 W	1206		Farnell	9335765
15	2	R6,R9	50k		0.25 W			Farnell	9337687
16	2	R11,R12	20k		0.125 W	1206		Farnell	9336125
17	1	R30	1k		0.25 W			Farnell	9337679
18	1	R31	82k		0.25 W			Farnell	1563266
19	2	X1,X2	TS820-600FP			TO220 FP	ST		
20	2	HEATSINK						Farnell	1213467