



Bill of Materials

Bill of Materials for Project [Sic_PowerBoard.PrjPcb] (No PCB Document Sele

Source Data From: Sic_PowerBoard.PrjPcb

Project: Sic_PowerBoard.PrjPcb

Variant: None

Creation Date: 6/26/2020 9:00 PM

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Footprint	Comment	LibRef	Designator	Description	Quantity
CAP.EL.220u	220uF	CAP.EL.220uF	C1, C2, C6, C7, C12, C13, C15, C16		8
CAP.POL	22uF 500V	CAP.POL 22UF	C3, C4, C5, C8, C9, C10, C14, C17		8
2n2 2000v	2n2 2000v	2n2 2000v	C11, C21, C28, C29		4
CAP.POL	2.2uF X2	2.2uF X2	C18, C19, C30, C31, C34, C35		6
680nF bulk	680nF bulk	680nF bulk	C22, C23, C24, C25, C26, C27		6
Gate Driver	GateDriver	GateDriver	G1, G2, G3		3
2pin	2 Pin	2 Pin	J1		1
8 pin	8 Pin	8 Pin	J2		1
Linverter	267uH	Linverter	L1, L3, L5		3
Lgrid	14.4uH	Lgrid	L2, L4, L6		3
IFX-PG-	Sic Mosfet	Sic Mosfet	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9,	SiC Mosfet To247	12
R-2512W	330k 1W Each	0207 melf	R1, R16		2
R-2512W	1	0207 melf	R2, R3, R4, R5, R6, R7, R8, R9, R10,		22
R-1206	10k	R-1206	R13, R14, R15, R22, R29, R30, R40, R41,	Res1206	24
R-2512W	2.2R	0207 melf	R31, R32, R33, R34, R35, R36, R37, R38,		12
R-2512W	10mR 6W	IsabelShunt	R49, R50, R51		3
R-2512W	0.5R 6W	IsabelShunt	R52, R53, R54, R55, R56, R57		6
tCon	TCon	Terminal	T1, T2, T3, T4, T5, T6, T7, T8		8
Approved		Notes			132