Cap Pol	Comment	Description	Designator	Footprint	LibRef	Quantity
Section Capacitor Capaci	450CXW220MEFR18X	Canaditar Dalariand	C16 C17 C150 C150	CAPPRD750W80D182	450CXW220MEFR18X	1
Cap Cap Capactor C22 1812 Cap Cap Capactor C22 Cap Capactor C22 Cap Capactor C22 Capact	50		C16, C17, C152, C153	5H5200	50	4
D7V0M1U2S9-7 13V	Cap Pol2		C21, C30, C39	Capacitor_P_3.3uF	Cap Pol2	3
D2, D4, D6, D8, D10, D19, D14, D16, D19, D19, D14, D16, D19, D19, D14, D16, D19, D19, D14, D16, D18, D18, D16, D18, D16, D18, D17, D18, D20, D21, D23, D29, D26, D29, D28, D29, D29, D29, D29, D29, D29, D29, D29	Cap	Capacitor			Сар	1
D12_D14_D16_D19_D12_D14_D16_D19_D12_D14_D16_D19_D12_D15_D19_D16_D19_D14_D16_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D19_D19_D19_D14_D19_D19_D19_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D14_D19_D19_D19_D14_D19_D19_D19_D19_D19_D19_D19_D19_D19_D19	D7V0M1U2S9-7	13V	D1, D5, D9, D13	D7V0M1U2S9-7_DIO	D7V0M1U2S9-7	4
BZT5ZHC5V1WF-7 Zener Diode D17, D18, D20, D21 D2, D24, D25, D27, D23, D24, D25, D27, D30, D31, D33, D34 D33, D34 D33, D34 D33, D34 D33, D34 D33, D34 D34, D35, D35, D35, D35, D35, D36, D37, D38, D38, D37, D38, D38, D38, D38, D38, D38, D38, D38	S1J-13-F	!	D12, D14, D16, D19, D22, D25, D28, D29, D32, D35, D39, D41, D44, D47, D51, D53,	SMA_DIO	S1J-13-F	24
BZT52HC5V1WF-7 Zener Diode	CMDSH2-3	Default Diode	D3, D7, D11, D15	SOD-323	Diode	4
BZT52HC5V1WF-7 Zener Diode DAB, D49, D50, D52, D54, D55, D57, D58, D57, D58, D60, D61, D62, D64 D55, D57, D58, D60, D61, D62, D64 D68, D64, D64, D64, D64, D64, D64, D64, D64	BZT52HC5V1WF-7	Zener Diode	D23, D24, D26, D27, D30, D31, D33, D34, D36, D37, D38, D40	SOD123F (Type B)	D Zener	16
MMZ1608Y221BTA00		Zener Diode	D48, D49, D50, D52, D54, D55, D57, D58, D60, D61, D62, D64			16
MAF1608GAD471LTA H0 Filter FB2, FB4, FB6, FB8 BEADC1608X75N MAF1608GAD471LTA H0 4 FTSH-105-01-F-DV- K Connector H1, H2, H3, H4 FTSH10501FDVK FTSH-105-01-F-DV- K 4 Inductor Inductor L1, L2, L3, L4 B82477R4 B82477R4302M100 4 Inductor Inductor L5, L6, L7, L8 Inductor 1.5mH Inductor 4 TMS320F28067PNT Integrated Circuit MCU_slave 1, MCU_slave 2, MCU_slave 2, MCU_slave 2, MCU_slave 2, MCU_slave 2, MCU_slave 2, MCU_slave 2, MCU_slave 3 QFP50P1400X1400X1 60-80N TMS320F28067PNT 4 TRN 1-1210 No Description Available PS1, PS11, PS12, PS13 TRN1-SINGLE_TRP TRN 1-1210 4 TME 1205S Power Supply PS2, PS3, PS6 PS7, PS9, PS10, PS14, PS15, PS16, PS17, PS18, PS19, PS20, PS21, PS21, PS20, PS21, PS21, PS20, PS21, PS22, PS33 CONV_TBA_1-1212 TBA_1-1212 16 GS66508B GAN TRANS E-MODE 650V 30A Q6, Q7, Q8 GS66508B GS66508B GS66508B GS66508B BS GSF127P509M301 Resistor R18, R24, R27, R97 MOV 48 Res1 1						3
H0 Filter FB2, FB3, FB6, FB8 BEADL1008X/5IN H0 FTSH-105-01-F-DV-K Connector H1, H2, H3, H4 FTSH-105-01-F-DV-K K		Ferrite Bead	FB1, FB3, FB5, FB7	BEADC1608X95N		4
K	H0	Filter	FB2, FB4, FB6, FB8	BEADC1608X75N	H0	4
Inductor		Connector	H1, H2, H3, H4		K	4
TMS320F28067PNT	Inductor	Inductor	L1, L2, L3, L4		B82477R4302M100	4
TMS320F28067PNT	Inductor	Inductor	L5, L6, L7, L8	Inductor_1.5mH	Inductor	4
Available PS1, PS11, PS12, PS13 TRN1-SINGLE_TRP TRN 1-1210 4	TMS320F28067PNT	Integrated Circuit	MCU_slave_1, MCU_slave_2,	•	TMS320F28067PNT	4
PS4, PS5, PS6, PS7, PS9, PS10, PS14, PS15, PS16, PS17, PS18, PS10, PS14, PS15, PS16, PS17, PS18, PS19, PS20, PS21, PS22, PS23	TRN 1-1210	!		TRN1-SINGLE_TRP	TRN 1-1210	4
PS4, PS5, PS6, PS7, PS9, PS10, PS14, PS15, PS16, PS17, PS18, PS10, PS14, PS15, PS16, PS17, PS18, PS19, PS20, PS21, PS22, PS23	TME 1205S		PS2, PS3, PS8	TME0512S	TME 1205S	3
GS00308B G50V 30A Q6, Q7, Q8 GS00308B GS00308	TBA_1-1212		PS9, PS10, PS14, PS15, PS16, PS17, PS18, PS19, PS20, PS21, PS22, PS23	CONV_TBA_1-1212		16
GS61008P GAN TRANS E-MODE 100V 90A Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16 GS61008P GS61008P 8 B57127P509M301 Resistor R17 NTC_350 Res1 1 181KD14 Resistor R18, R24, R27, R97 MOV_48 Res1 4 391KD14 Resistor R23, R28 MOV_350 Res1 2 B57236S0229M000 Resistor R25, R96 NTC_48 Res1 2 FSM4JSMA Switch S1, S2, S3, S4 FSM4JSMA FSM4JSMA 4 LT8315EFE#TRPBF No Description Available U1, U2, U3, U11 FE_20BB_ADI LT8315EFE#TRPBF 4 ACPL-P346-000E U4, U5, U6, U7, U12, U13, U14, U15, U16, U17, U12, U13, U14, U15, U19, U20, U21, U22, U23 ACPL-P346-000E ACPL-P346-000E 16 TL3472IDR Integrated Circuit U8, U9, U10 SOIC127P600X175-8N TL3472IDR 3	GS66508B			GS66508B	GS66508B	8
B57127P509M301 Resistor R17 NTC_350 Res1 1 181KD14 Resistor R18, R24, R27, R97 MOV_48 Res1 4 391KD14 Resistor R23, R28 MOV_350 Res1 2 B57236S0229M000 Resistor R25, R96 NTC_48 Res1 2 FSM4JSMA Switch S1, S2, S3, S4 FSM4JSMA FSM4JSMA 4 LT8315EFE#TRPBF No Description Available U1, U2, U3, U11 FE_20BB_ADI LT8315EFE#TRPBF 4 ACPL-P346-000E U4, U5, U6, U7, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23 ACPL-P346-000E ACPL-P346-000E 16 TL3472IDR Integrated Circuit U8, U9, U10 SOIC127P600X175-8N TL3472IDR 3	GS61008P		Q9, Q10, Q11, Q12,	GS61008P	GS61008P	8
181KD14 Resistor R18, R24, R27, R97 MOV_48 Res1 4 391KD14 Resistor R23, R28 MOV_350 Res1 2 B57236S0229M000 Resistor R25, R96 NTC_48 Res1 2 FSM4JSMA Switch S1, S2, S3, S4 FSM4JSMA FSM4JSMA 4 LT8315EFE#TRPBF No Description Available U1, U2, U3, U11 FE_20BB_ADI LT8315EFE#TRPBF 4 ACPL-P346-000E U4, U5, U6, U7, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23 ACPL-P346-000E ACPL-P346-000E 16 TL3472IDR Integrated Circuit U8, U9, U10 SOIC127P600X175-8N TL3472IDR 3	B57127P509M301	Resistor		NTC_350	Res1	1
B57236S0229M000 Resistor R25, R96 NTC_48 Res1 2 FSM4JSMA Switch S1, S2, S3, S4 FSM4JSMA FSM4JSMA 4 LT8315EFE#TRPBF No Description Available U1, U2, U3, U11 FE_20BB_ADI LT8315EFE#TRPBF 4 ACPL-P346-000E U4, U5, U6, U7, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23 ACPL-P346-000E ACPL-P346-000E 16 TL3472IDR Integrated Circuit U8, U9, U10 SOIC127P600X175-8N TL3472IDR 3	181KD14	Resistor	R18, R24, R27, R97		Res1	4
B57236S0229M000 Resistor R25, R96 NTC_48 Res1 2 FSM4JSMA Switch S1, S2, S3, S4 FSM4JSMA FSM4JSMA 4 LT8315EFE#TRPBF No Description Available U1, U2, U3, U11 FE_20BB_ADI LT8315EFE#TRPBF 4 ACPL-P346-000E U4, U5, U6, U7, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23 ACPL-P346-000E ACPL-P346-000E 16 TL3472IDR Integrated Circuit U8, U9, U10 SOIC127P600X175-8N TL3472IDR 3	391KD14	Resistor	R23, R28	MOV_350	Res1	2
FSM4JSMA Switch \$1, \$2, \$3, \$4 FSM4JSMA FSM4JSMA 4 LT8315EFE#TRPBF No Description Available U1, U2, U3, U11 FE_20BB_ADI LT8315EFE#TRPBF 4 ACPL-P346-000E U4, U5, U6, U7, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23 ACPL-P346-000E ACPL-P346-000E 16 TL3472IDR Integrated Circuit U8, U9, U10 SOIC127P600X175-8N TL3472IDR 3	B57236S0229M000	Resistor	R25, R96			2
Available Available U1, U2, U3, U11 FE_2UBB_ADI L18315EFE#1RPBF 4 U4, U5, U6, U7, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23 TL3472IDR Integrated Circuit U8, U9, U10 SOIC127P600X175- 8N TL3472IDR 3	FSM4JSMA	Switch	S1, S2, S3, S4	FSM4JSMA	FSM4JSMA	4
ACPL-P346-000E	LT8315EFE#TRPBF		U1, U2, U3, U11	FE_20BB_ADI	LT8315EFE#TRPBF	4
TL3472IDR Integrated Circuit U8, U9, U10 SOIC127P600X175- 8N TL3472IDR 3	ACPL-P346-000E		U13, U14, U15, U16, U17, U18, U19, U20,	ACPL-P346-000E	ACPL-P346-000E	16
	TL3472IDR	Integrated Circuit			TL3472IDR	3
	PE-54041SNL	Inductor	L9, L10, L11	P0846SNLT	PE-54041SNL	3