



A		B		C		D		E	
ID	Designator	Comment	PackageReference	Qty	ID	Designator	Comment	PackageReference	Qty
1	C104A, C104B, C104C, C104D, C105A, C105B, C105C, C105D, C108A, C108B, C108C, C108D, C109A, C109B, C109C, C109D, C201A, C201B, C201C, C201D, C205A, C205B, C205C, C205D, C300, C303, C305, C306, C509, C510, C516, C517	100nF 10% 16V	0603	32	30	R100A, R100B, R100C, R100D	100R 0.1% 0.1W	0603	4
					31	R101A, R101B, R101C, R101D	82R 0.1% 0.1W	0603	4
					32	R102A, R102B, R102C, R102D	390R 0.1% 0.1W	0603	4
					33	R105A, R105B, R105C, R105D, R106A, R106B, R106C, R106D	182R 0.1% 0.1W	0603	8
					34	R108A, R108B, R108C, R108D, R109A, R109B, R109C, R109D	348R 0.1% 0.1W	0603	8
					35	R200A, R200B, R200C, R200D, R300, R301, R302, R303, R306, R401, R402, R404, R410, R411, R500, R501, R502, R503	1k 1% 0.1W	0603	18
					36	R201A, R201B, R201C, R201D, R203A, R203B, R203C, R203D, R307, R309	100k 1% 0.1W	0603	10
					37	R202A, R202B, R202C, R202D, R308	1k 1% 0.1W		5
					38	R304, R403	0R0 1% 0.1W	0603	2
					39	R305	DNP	0603	1
2	C106A, C106B, C106C, C106D, C107A, C107B, C107C, C107D, C110A, C110B, C110C, C110D, C111A, C111B, C111C, C111D, C304, C307, C406, C505, C506, C511, C513	10nF 10% 16V	0603	23	40	R400, R409	18k 1% 0.1W	0603	2
					41	R405, R406	10k 1% 0.1W	0603	2
					42	R407	10R 0.1% 0.1W	0603	1
					43	R408	150k 0.1% 0.1W	0603	1
					44	R504	47k 1% 0.1W	0603	1
					45	TP1	TH0	Test Point	1
					46	TP2	TH1	Test Point	1
					47	TP3, TP401, TP505	GND	Test Point	3
					48	TP400	VB	Test Point	1
					49	TP500	CS	Test Point	1
3	C112A, C112B, C112C, C112D, C113A, C113B, C113C, C113D	3.9pF 5% 16V	0603	8	50	TP501	PR_FB	Test Point	1
					51	TP502	PO_FB	Test Point	1
					52	TP503	PR_CT	Test Point	1
					53	TP504	PO_CT	Test Point	1
					54	U100A, U100B, U100C, U100D	ADA4817-2	LFCSP-16	4
					55	U200A, U200B, U200C, U200D, U301	LT1712	SSOP-16	5
					56	U201A, U201B, U201C, U201D, U302	BUF602	SOT-23-5	5
					57	U300	ADA4817-1	SO-8	1
					58	U400	INA168	SOT-23-5	1
					59	U500	TDN 3-xyyWISM	TDN-3-Pack	1
4	C202A, C202B, C202C, C202D, C301, C404, C407, C512	1nF 10% 16V	0603	8	60	U501	MSP430FR2355TPT	LQFP-48	1
					61	U502	TLV70033DCKR	DCK5	1
					62	U503	MAX5134	TSSOP-16	1
5	C203A, C203B, C203C, C203D, C302, C518, C519	1uF 10% 16V	0805	7					
6	C204A, C204B, C204C, C204D, C308	100pF 10% 16V	0603	5					
7	C400	10nF 10% 100V	0603	1					
8	C401, C402, C403, C405	100nF 10% 100V	0603	4					
9	C408	100pF 10% 100V	0603	1					
10	C409	DNP	0603	1					
11	C500, C501	10uF 10% 50V	1210	2					
12	C502, C503	10uF 10% 16V	1206	2					
13	C507, C508	4.7uF 10% 16V	0805	2					
14	C514	47pF 10% 16V	0603	1					
15	D200A, D200B, D200C, D200D, D300	LL42-GS08	MiniMELF	5					
16	D400	MURS110T3G	DO-214AA (SMB)	1					
17	FB500, FB501, FB502	100R 4A	0805	3					
18	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13	60311002111526	SMA	13					
19	J14, J15, J16, J17	690367290676	WR-MM	4					
20	J500	61300611121		1					
21	J501	61300411121		1					
22	J502	691101710002		1					
23	L400	100 uH, 0.52 A		1					
24	L500	22 uH, 1.15 A	5828	1					
25	MP400	25.81 x 25.81 x 4.88 mm		1					

Layer Stack Legend

Material	Layer	Thickness	Type	Gerber
	Top Overlay		Legend	GTO
Surface Material	Top Solder	0.010mm	Solder Mask	GTS
Copper	Top Layer	0.035mm	Signal	GTL
Prepreg		0.140mm	Dielectric	
CF-004	GND1	0.035mm	Internal Plane	GP1
Prepreg		0.140mm	Dielectric	
CF-004	PWR1	0.035mm	Internal Plane	GP2
		0.910mm	Dielectric	
CF-004	PWR2	0.035mm	Internal Plane	GP3
Prepreg		0.140mm	Dielectric	
CF-004	GND2	0.035mm	Internal Plane	GP4
Prepreg		0.140mm	Dielectric	
Copper	Bottom Layer	0.035mm	Signal	GBL
Surface Material	Bottom Solder	0.010mm	Solder Mask	GBS
	Bottom Overlay		Legend	GBO

Total thickness: 1.700mm