Count	RefDes	Value	Description	Size	Manufacture Part #
2	C1,C7	1500PF	CAP_SM-CE,1500PF,50V,10%,0402_X7R_PB-FR	C0402	STD
2	C2,C8	2200PF	CAP_SM-CE,2200PF,50V,10%,0402_X7R	C0402	STD
2	C3,C10	220PF	CAP_SM-CE,220PF,50V,10%,0402_X7R_PB-FR	C0402	STD
3	C4,C5,C11	1uF	CAP_SM-CE,1UF,25V,10%,0603_X7R_PB-FR	C0603	STD
6	C6,C9,C31,C48,C23,C34	0.1UF	CAP_SM-CE,0.1UF,16V,10%,0402_X7R_0.5MM	C0402	STD
4	C12,C13,C30,C47	1000PF	CAP_SM-CE,1000PF,50V,10%,0402_X7R_PB-FR	C0402	STD
4	C14,C15,C16,C17	47UF	PCAP_SM-TA,47UF,16V,20%,2816_LOW_ESR	C7343	16TQC47M
2	C18,C39	0.1UF	CAP_SM-CE,0.1UF,25V,20%,0603_X7R_PB-FR	C0603	STD
4	C19,C20,C40,C41	47UF	CAP_SM-CE,47UF,16V,20%,1210_X5R	C1210	GRM32ER61C476ME15L
2	C21,C42	22UF	CAP_SM-CE,22UF,16V,10%,1206_X5R_PB-FR	C1206	GRM31CR61C226KE15
2	C22,C43	3300PF	CAP_SM-CE,3300PF,50V,10%,0402_X7R	C0402	STD
8	C24,C25,C26,C27,C35, C36,C37,C38	470UF	PCAP_SM-TA,470UF,4V,20%,2816_GSM_PREFRD	C7343	4TPF470ML
4	C28,C29,C44,C45	100UF	CAP_SM-CE,100UF,6.3V,20%,1210_X5R_PB-FR	C1210	GRM32ER60J107ME20K
2	C32,C49	2.2UF	CAP_SM-CE,2.2UF,16V,10%,0603_X5R	C0603	STD
2	C33,C46	3300PF	CAP_SM-CE,3300PF,50V,10%,0603_PB-FR	C0603	STD
2	C50,C51	330PF	CAP_SM-CE,330PF,50V,5%,0402_NPO	C0402	STD
1	C100	470UF	PCAP_SM-AL,470UF,16V,20%,8MMD_10.8MML	C3333	16SVPE470M
2	J1,J2		CON1X3_F-ST,NONE,AMPHENOL_A-1JA,COAX	CON-3	A-1JA
2	L1,L2	150nH	IND_SM-150NH,15%,41A,FERR_PB-FR	L3630	PA2607NL-151
3	P1,P2,P3		PWR4_M-ST,MOLEX_15-24-4345,0.200C	CON-4	ED120/4DS
3	P4,P8,P9		HDR1X2_M-ST,NONE,TSW-102-08-G-S	CON-2	TSW-102-08-G-S
1	P12		HDR2X5_M-ST,SHDR_PB-FR,MOLEX_70246-1002	CON-10	AWHW10G-0202-T-R
0	R1,R3,R5,R7,R18,R20, R22,R23,R32,R33	0	RES_SM-TF,0,0.063W,5%,0402_PBFREE	R0402	STD
2	R2,R13	511	RES_SM-TF,511,0.063W,1%,0402	R0402	STD
2	R4,R14	10K	RES_SM-TF,10K,0.063W,0.1%,0402_25PPM_PB-FR	R0402	STD
2	R6,R15	4.99K	RES_SM-TKF,4.99K,0.063W,1%,0402	R0402	STD
2	R8,R19	10	RES_SM-TF,10,0.063W,1%,0402	R0402	STD
2	R9,R16	15K	RES_SM-TF,15K,0.063W,0.1%,0402_25PPM_PB-FR	R0402	STD
0	R10,R17	100K	RES_SM-TF,100K,0.063W,1%,0402	R0402	STD
2	R11,R21	0	RES_SM-TF,0,0.063W,5%,0402	R0402	STD
1	R12	40.2K	RES_SM-TF,40.2K,0.063W,1%,0402_PB-FR	R0402	STD

1	R24	38.3K	RES_SM-TF,38.3K,0.063W,1%,0402	R0402	STD
1	R25	53.6K	RES_SM-TF,53.6K,0.063W,1%,0402	R0402	STD
2	R26,R30	1	RES_SM-TF,1,0.063W,1%,0402_PB-FR	R0402	STD
2	R27,R29	49.9	RES_SM-TF,49.9,0.063W,1%,0402	R0402	STD
2	R28,R31	1	RES_SM-TF,1,0.100W,5%,0603_PB-FR	R0603	STD
0	R100,R101,R102	0.001	RES_SM-MF,0.001,2.00W,1%,2512	R2512	STD
1	U1		TPS40428_QFN40-DUAL-OUT_2-PHS_PMB_BUCK_CNTRL	QFN40	TPS40428
2	U2,U3		CSD95378BQ5M_SON13,SYN_BUCK_NEXFET_PWR_STAGE	DFN13	CSD95378BQ5M

IMPORTANT NOTICE FOR TI DESIGN INFORMATION AND RESOURCES

Texas Instruments Incorporated ('TI") technical, application or other design advice, services or information, including, but not limited to, reference designs and materials relating to evaluation modules, (collectively, "TI Resources") are intended to assist designers who are developing applications that incorporate TI products; by downloading, accessing or using any particular TI Resource in any way, you (individually or, if you are acting on behalf of a company, your company) agree to use it solely for this purpose and subject to the terms of this Notice.

TI's provision of TI Resources does not expand or otherwise alter TI's applicable published warranties or warranty disclaimers for TI products, and no additional obligations or liabilities arise from TI providing such TI Resources. TI reserves the right to make corrections, enhancements, improvements and other changes to its TI Resources.

You understand and agree that you remain responsible for using your independent analysis, evaluation and judgment in designing your applications and that you have full and exclusive responsibility to assure the safety of your applications and compliance of your applications (and of all TI products used in or for your applications) with all applicable regulations, laws and other applicable requirements. You represent that, with respect to your applications, you have all the necessary expertise to create and implement safeguards that (1) anticipate dangerous consequences of failures, (2) monitor failures and their consequences, and (3) lessen the likelihood of failures that might cause harm and take appropriate actions. You agree that prior to using or distributing any applications that include TI products, you will thoroughly test such applications and the functionality of such TI products as used in such applications. TI has not conducted any testing other than that specifically described in the published documentation for a particular TI Resource.

You are authorized to use, copy and modify any individual TI Resource only in connection with the development of applications that include the TI product(s) identified in such TI Resource. NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE TO ANY OTHER TI INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT OF TI OR ANY THIRD PARTY IS GRANTED HEREIN, including but not limited to any patent right, copyright, mask work right, or other intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information regarding or referencing third-party products or services does not constitute a license to use such products or services, or a warranty or endorsement thereof. Use of TI Resources may require a license from a third party under the patents or other intellectual property of the third party, or a license from TI under the patents or other intellectual property of TI.

TI RESOURCES ARE PROVIDED "AS IS" AND WITH ALL FAULTS. TI DISCLAIMS ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, REGARDING TI RESOURCES OR USE THEREOF, INCLUDING BUT NOT LIMITED TO ACCURACY OR COMPLETENESS, TITLE, ANY EPIDEMIC FAILURE WARRANTY AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

TI SHALL NOT BE LIABLE FOR AND SHALL NOT DEFEND OR INDEMNIFY YOU AGAINST ANY CLAIM, INCLUDING BUT NOT LIMITED TO ANY INFRINGEMENT CLAIM THAT RELATES TO OR IS BASED ON ANY COMBINATION OF PRODUCTS EVEN IF DESCRIBED IN TI RESOURCES OR OTHERWISE. IN NO EVENT SHALL TI BE LIABLE FOR ANY ACTUAL, DIRECT, SPECIAL, COLLATERAL, INDIRECT, PUNITIVE, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES IN CONNECTION WITH OR ARISING OUT OF TI RESOURCES OR USE THEREOF, AND REGARDLESS OF WHETHER TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You agree to fully indemnify TI and its representatives against any damages, costs, losses, and/or liabilities arising out of your non-compliance with the terms and provisions of this Notice.

This Notice applies to TI Resources. Additional terms apply to the use and purchase of certain types of materials, TI products and services. These include; without limitation, TI's standard terms for semiconductor products http://www.ti.com/sc/docs/stdterms.htm), evaluation modules, and samples (http://www.ti.com/sc/docs/sampterms.htm).

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
Copyright © 2017, Texas Instruments Incorporated