

Bill of Materials

TI DESIGNS

TIDA-00570

ITEM	QTY	REFERENCE DESIGNATOR	VALUE	DESCRIPTION	SIZE	MANUFACTURER	MANUFACTURER PART NUMBER
1	75	C1,C2,C3,C4,C5,C6,C7,C8,C13,C17,C20,C22,C24,C33,C34,C35,C36,C37,C38,C39,C40,C41,C42,C43,C44,C45,C46,C47,C48,C49,C50,C51,C52,C53,C54,C55,C56,C57,C58,C59,C60,C61,C62,C63,C64,C65,C66,C67,C68,C69,C70,C71,C72,C73,C74,C75,C76,C77,C78,C87,C88,C89,C90,C91,C92,C93,C94,C95,C96,C97,C98,C99,C100,C101,C102	0.1uF	CapacitorCER 0.1UF 50V 10% X7R 0402 TDK	402	TDK	CGA2B3X7R1H104K050BB
2	9	C9,C14,C15,C18,C82,C83,C84,C85,C86	1.0uF	CapacitorCER 1UF 50V 10% X5R 0603	603	Taiyo Yuden	UMK107BJ105KA-T
3	4	C10,C12,C19,C23	22uF	CapacitorCER 22UF 25V 20% X5R 0805	805	Samsung	CL21A226MAQNNNE
4	1	C11	6.2pF	CapacitorCER 6.2PF 50V NP0 0402	402	Murata	GJM1555C1H6R2CB01D
5	1	C16	1000pF	CapacitorCER 1000PF 50V 10% X7R 0603	603	Murata	GRM188R71H102KA01D
6	1	C21	0.22uF	CapacitorCER 0.22UF 50V 10% X7R 0603	603	TDK	CGA3E3X7R1H224K080AB
7	4	C25,C29,C80,C81	4.7uF	CapacitorCER 4.7UF 50V 10% X5R 0805	805	Samsung	CL21A475KBQNNNE
8	1	C26	100uF	CapacitorCER 100UF 16V 20% X5R 1210	1210	Taiyo Yuden	EMK325ABJ107MM-T
9	3	C27,C28,C79	10uF	CapacitorCER 10UF 25V 10% X5R 0805	805	Murata	GRM218R61E106KA73L
10	2	C30,C32	0.015uF	CapacitorCER 0.015UF 50V 10% X7R 0402	402	Murata	GRM155R71H153KA12D
11	1	C31	27pF	CapacitorCER 27PF 50V 5% NP0 0402	402	Murata	GRM1555C1H270JA01D
12	2	DN1,DN2	BAT54SW	DIODE ARRAY SCHOTTKY 30V SOT323DIODE DUAL Schott BAT54SW		Fairchild	BAT54SWT1G
13	1	D1	STPS0560Z	DIODE SCHOTTKY 60V 0.5A SOD123DIODE SCHOTTKY 60V 0.5A SOD123	SOD123	STMicro	STPS0560Z
14	1	D2	SMAZ9V1-13-F	DIODE ZENER 9.1V 1W SMADIODE ZENER 9.1V 1W SMA	DO214AC	Diodes	SMAZ9V1-13-F
15	1	D3	DZ2J03300L	DIODE ZENER 3.3V 200MW SMINI2DIODE ZENER 3.3V 200MW SMINI2	SOD-323F	Panasonic	DZ2J03300L
16	1	D4	LG M67K-G1J2-24-Z	LED GREEN CLEAR 0603LED GREEN CLEAR 1.8Vf	LG_M67K	OSRAM	LG M67K-G1J2-24-Z
17	4	FB1,FB2,FB3,FB4	FBMH1608HM101-T	FERRITE BEAD 100 OHM 0603FERRITE BEAD 100 OHM 2A 0603	603	Taiyo Yuden	FBMH1608HM101-T
18	2	J1,J2	Flex_LGA_Pattern	Mustang Flex Assembly cLGA 150 PositionsDMD_FLEX_CONNECTOR		InterCon Systems	8394-00x
19	1	J3	68000-402HLF	HEADER, UNSHROUDED, 2POS, 2.54mmCONN HEADER 2POS 0.1" THRU HOLE	2POS .1" SPACING	FCI	68000-402HLF
20	2	J4,J5	68001-104HLF	CONN HEADER 4POS .100 STR 30AUCONN HEADER 4P 0.1" THRHOLE AU		FCI	68001-104HLF
21	1	L1	22uH	INDUCTORINDUCTOR 22uH Coilcraft		Coilcraft	LPS4018-223MLB
22	1	L2	4.7uH	FIXED IND 4.7UH 5.5A 40 MOHM SMDINDUCTOR 4.7UH 5.5A Bourns new		Bourns	SRP7028A-4R7M
23	3	Q1,Q4,Q7	MMBT2907A	TRANS PNP 60V 0.8A SOT-23TRANS PNP 60V 0.8A MMBT2907A		Fairchild	MMBT2907A

[illegible]

[illegible]