

# Bill of Materials

TI DESIGNS  
TIDA-00198

DESIGNATOR	QUANTITY	DESCRIPTION	MANUFACTURER	PART NUMBER
C100,C101,C102,C103,C104,C300,C303,C400,C501	9	CAP,CERAMIC,10uF,10%, 16V,SMT0805	AVX	0805YD106KAT2A
C200,C202	2	CAP,CERAMIC,1uF,10%,25V,SMT0603	KEMET	C0603C102K3GACTU
C201	1	CAP,CERAMIC,1nF,10%,25V, SMT0603	TDK	C0603X5R1E102K030BA
C203,C206,C402,C503	4	CAP,CERAMIC,10nF, 16V, SMT0603	KEMET	C0603C103K4RACTU
C204,C205	2	CAP,CERAMIC,12pF, 25V, 5%, SMT0603	TDK	C0603C0G1E120J030BA
C301,C302,C305,C401,C404,C405,C500,C502,C504	9	CAP,CERAMIC,100nF, 25V, 10%, SMT0603	AVX	06033C104KAT2A
FB200,FB400,FB500	3	FERRITE BEAD, 100Ohm @ 100MHz,SMT0805	FAIR-RITE	2508051017Y0
F500	1	FUSE, 0.5A, SMT0805	MULTICOMP	MCF0805B0R50FSTR
J200	1	CONNECTOR, HEADER, 2 ROWS, 14-PIN	TE CONNECTIVITY / AMP	1-1634688-4
J201	1	CONNECTOR, HEADER, RIGHT ANGLE, SINGLE ROW, 3-PIN	TE CONNECTIVITY / AMP	826947-3
J202	1	CONNECTOR, HEADER, RIGHT ANGLE, SINGLE ROW, 6-PIN	TE CONNECTIVITY / AMP	826949-6
J300	1	RECEPTACLE FPC, 1MM	MOLEX	52271-0479
J400	1	LRA Motor	AAC	AAC1030
J500	1	MINI USB TYPE B RECEPTACLE	WURTH ELEKTRONIK	65100516121
LED500,LED501,LED502	3	LED, GREEN, SMT0805	WURTH ELEKTRONIK	150080GS75000
R231,R232,R233,R300,R405,R407	6	RESISTOR, THICK FILM, 0, 5%, 0.1W, SMT0603	WELWYN	WCR0603-R005JI
R200	1	RESISTOR, THICK FILM, 47k, 5%, 0.1W, SMT0603	PANASONIC	ERJ3GEYJ473V
R201,R202,R207,R208,R222,R223	6	RESISTOR, THICK FILM, 4.7k, 5%, 0.1W, SMT0603	PANASONIC	ERJ3GEYJ472V
R203,R204,R205,R206,R209,R212,R213,R214,R224,R302,R303,R308,R408,R505	14	RESISTOR, THICK FILM, 100, 5%, 0.1W, SMT0603	PANASONIC	ERJ3GEYJ101V
R228,R229,R230,R403,R404,R406	6	RESISTOR, THICK FILM, 10k, 5%, 0.1W, SMT0603	PANASONIC	ERJ3GEYJ103V
R309	1	RESISTOR, THICK FILM, 47, 5%, 0.1W, SMT0603	PANASONIC	ERJ3GEYJ470V
R500,R501,R502	3	RESISTOR, THICK FILM, 22, 5%, 0.1W, SMT0603	PANASONIC	ERJ3GEYJ220V
R503,R504,R506	3	RESISTOR, THICK FILM, 1k, 5%, 0.1W, SMT0603	PANASONIC	ERJ3GEYJ102V
SW200	1	DIP Switch	OMRON	A6S-3104-H
U100,U101	2	Single Output LDO, 800mA, Fixed(3.3V)	TEXAS INSTRUMENTS	REG1117-3.3
U200	1	16-bit MCU, 32KB Flash, 4KB RAM	TEXAS INSTRUMENTS	MSP430F247TPMR
U300	1	Resistive Dual Touch Controller	TEXAS INSTRUMENTS	TSC2013
U401	1	Haptic Driver for ERM-LRA	TEXAS INSTRUMENTS	DRV2605YZFR
U500	1	USB to serial UART	FTDI Chip	FT232RL
Y200	1	CRYSTAL, 11.0592MHz, SMD	EUROQUARTZ	11.0592MHZ 49USMX/30/50/40/18PF/ATF

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