## V TEXAS

## **Bill of Materials**

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Ref.	Part name	Pcs/unit	Description	Manufacturer	Part number	Supplier	Ordering code	Alt. Manufacturer	Alt. Part number	Alt. Supplier	Alt. Ordering code	Comments
21	C_2U2_0402_X5R_M_4VDC	1	Capacitor, 2u2, 0402, X5R, +/-20%, 4V	Murata	GRM1555C1H2R2CD01							
:101	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D							
211	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D							
221	C_27P_0402_NP0_J_50	1	Capacitor, 27p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H270JZ01D							
231	C_27P_0402_NP0_J_50	1	Capacitor, 27p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H270JZ01D							
241	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D							
251	C_18P_0402_NP0_J_50	1	Capacitor, 18p, 0402, NP0, 5% 25V	Murata	GRM1555C1H180JZ01D	ELFA	65-881-23					
252	C_1P0_0402_NP0_C_50	1	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D							
253	C_0402	0	Capacitor, general, 0402; Do not mount									1
254	C_2P2_0402_NP0_C_50	1	Capacitor, 2p2, 0402, NP0, +-0.25pF, 50V	Murata	GRM1555C1H2R2CZ01							
255	C_0402	0	Capacitor, general, 0402; Do not mount									
C261	C_18P_0402_NP0_J_50	1	Capacitor, 18p, 0402, NP0, 5% 25V	Murata	GRM1555C1H180JZ01D	ELFA	65-881-23					
C262	C 1P0 0402 NP0 C 50	1	Capacitor, 1p, 0402, NP0, +/-0.25pF 50V	Murata	GRM1555C1H1R0CZ01D		00 001 20	1	-			┼───
271	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D							
272	C_220P_0402_NP0_J_50	1	Capacitor, 220p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H221JA01D							
311	C_100N_0402_X5R_K_10	1	Capacitor, 100n, 0402, X5R, 10%, 10V	Murata	GRM155R71A104KA01D							
321	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D							
331	C_15P_0402_NP0_J_50	1	Capacitor, 15p, 0402, NP0, 5%, 50V	Murata	GRM1555C1H150JZ01D							
391	C_1U_0402_X5R_K_6P3	1	Capacitor 1uF, 0402, X5R,10%, 6.3V	Murata	GRM155R60J105KE19D							
C401	C_1U_0402_X5R_K_6P3	1	Capacitor 1uF, 0402, X5R,10%, 6.3V	Murata	GRM155R60J105KE19D							
.1	L_BEAD_102_0402	1	EMI filter bead	Murata	BLM15HG102SN1D	ACTE						
.251	L_0402	0	Inductor, general, 0402; Do not mount									
.252	L_2N0_0402_S	1	Inductor, 2n0, 0402, +/-0.3 nH	Murata	LQG15HS2N0S02D							
.261	L_2N0_0402_S	1	Inductor, 2n0, 0402, +/-0.3 nH	Murata	LQG15HS2N0S02D							
P1	SMD_SOCKET_2x10	1	SMD pinrow socket, .050 spacing, 2x10	Samtec	SFM-110-02-SM-D-A-K-TR	Abacus				Freber, AFU, Arrow		
2	SMD_SOCKET_2x10	1	SMD pinrow socket, .050 spacing, 2x10	Samtec	SFM-110-02-SM-D-A-K-TR	Abacus				Freber, AFU, Arrow		
53	SMA_SMD	1	SMA connector, straight SMD-mount	Hus-Tsan Group Taiwan	SMA-10V21-TGG	EC Partner A/S	SMA-10V21-TGG	Vitelec	142-0711- 201	AFU		
24	PINROW_1x2	0	Do not mount					AMP	5-0826629-0	ELFA		
301	R_56K_0402_F	1	Resistor, 56k ohms, 0402, ±1%	Koa	RK73H1ETTP5602F	ELFA	60-488-96	1				1
J1	CC2530	1	Single-chip transceiver	Texas Instruments	CC2530	Texas Instrument	CC2530					Yes
1	X_32.000/10/15/30/16	1	Crystal, 32.000MHz, NX3225DA, 10/15ppm, 16 pF ! Temp range -30 - +85 deg C !	NDK	NX3225SA	s NDK France	NX3225SA 32 MHz EXS00A-02994					
(2	X_32.768/20/50/40/12	1	Crystal, 32.768 kHz, 12.5pF, 20/50	Epson	MC-306	ACTE	Q13MC3061000314			EC-Partner		
otal number		28										1
	1	1	1	1	1	1	1	1	1	1		1

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