

Texas Instruments, CIS/ICP

Bill Of Mat Page1

Item	Quantity	Reference	Part	Manufacturer	Part Number	Pkg	Click to Order	Description
1	2	C1,C2	18pF	AVX	04025A180JAT2A	402	478-1073-1-ND	CAP CERM 18PF 5% 50V NP0 0402
2	1	C3	1uF	Samsung	CL05B105KQ5NQC	402	1276-1513-2-ND	CAP CER 1UF 6.3V 10% X7R 0402
3	18	C4,C38,C40,C41,C46,C48,C50,C51,C56,C58,C66,C69,C72,C75,C77,C78,C80,C81	0.1uF	Yageo	CC0402KRX5R6B104	402	311-1336-1-ND	CAP CERAMIC .1UF 10V X5R 0402
4	1	C5	1uF	TDK	CL21B105KPFNNNE	805	1276-1275-1-ND	CAP CER 1.0UF 10V X7R 10% 0805
5	11	C6,C9,C12,C15,C19,C22,C25,C28,C32,C83,C86	0.001uF	TDK	C0603X7R1E102K030H	201	445-7275-1-ND	CAP CER 1000PF 25V 10% X7R 0201
6	11	C7,C10,C13,C16,C20,C23,C26,C29,C33,C85,C88	0.01uF	Yageo	CC0201KRX7R7BB103	201	311-1404-1-ND	CAP CER 10000PF 16V 10% X7R 0201
7	11	C8,C11,C14,C17,C21,C24,C27,C30,C34,C84,C87	0.1uF	TDK	C0603X5R0J104M	201	445-4711-1-ND	CAP CER .10UF 6.3V X5R 0201
8	8	C18,C31,C35,C67,C68,C73,C74,C82	10uF	Murata Electronics	GRM31CR71C106KAC	1206	490-3911-1-ND	CAPACITOR CERM 10UF 16V 10% SMD
9	5	C39,C47,C49,C57,C59	0.001uF	TDK	C1005X7R1H102K	402	445-1256-1-ND	CAP CER 1000PF 50V X7R 10% 0402
10	4	C70,C71,C76,C79	150uF	Kemet	T495D157K010ATE100	7343	399-8506-1-ND	CAP TANT 150UF 10V 10% LOESR SMD
11	2	D1,D4	LED Green 0805	Lite On	LTST-C171GKT	805	160-1423-1-ND	LED GREEN CLEAR THIN 0805 SMD
12	6	FB1,FB2,FB3,FB4,FB5,FB6	220 @ 100MHZ	Murata	BLM18PG221SN1D	603	490-5221-1-ND	FERRITE CHIP 220 OHM 1400MA 0603
13	2	GND1,GND2	TEST POINT	Würth Electronics Inc	61300111121	testloop	732-5314-ND	test point
14	1	JP6	Conn 2x5 shroud	3M	N2510-6002-RB	epрт-conn-00002-0001	MHC10K-ND	2x5 bulk connector
15	1	J1	Type B USB-Shield	FCI	61729-1011BLF	usbconn_type_b	609-3657-ND	CONN RCPT USB 2.0 TYPE A
16	4	J2,J3,J4,J5	Type A USB-Shield	TE Connectivity AMP Connectors	292303-1	usbconn_type_a	A31726-ND	CONN RCPT USB 2.0 TYPE A
17	1	J6	2.1mm x 5.5mm	CUI Inc.	PJ-202AH (PJ-002AH)	2.1mm x 5.5mm	CP-202AH-ND	CONN PWR JACK 2.1X5.5MM HIGH CUR
18	3	J7,J8,J9	Header 1x2	3M	961102-6404-AR	HDR2X1 M 0.1" TH	3M9447-ND	CONN HEADER VERT SGL 2POS GOLD
19	6	R1,R15,R17,R18,R19,R20	1M	Rohm Semiconductor	MCR01MZPJ105	402	RHM10MCETR-ND	RES 1.0M OHM 1/16W 5% 0402 SMD
20	1	R2	90.9K	Rohm Semiconductor	RMCF0402FT90K9	402	RMCF0402FT90K9-ND	RES 90.9K OHM 1/16W 1% 0402 SMD
21	5	R3,R26,R27,R29,R36	10K	Rohm Semiconductor	MCR01MZPF1002	402	RHM100KLCT-ND	RES 10K OHM 1/16W 1% 0402 SMD
22	14	R4,R5,R11,R12,R13,R14,R22,R23,R24,R25,R38,R39,R46,R47	1K	Rohm Semiconductor	MCR01MRTJ102	402	RHM10KCECT-ND	RES 1.0K OHM 1/16W 5% 0402 SMD
23	4	R6,R7,R8,R9	4.7K	Rohm Semiconductor	MCR01MZPJ472	402	RHM4.7KJCT-ND	RES 4.7K OHM 1/16W 5% 0402 SMD
24	0	R10,R32,R42,R43,R44,R45	10K NOPOP	Rohm Semiconductor	MCR01MZPF1002	402	RHM100KLCT-ND	RES 10K OHM 1/16W 1% 0402 SMD
25	2	R16,R28	330	Rohm Semiconductor	MCR01MZPJ331	402	RHM330JCT-ND	RES 330 OHM 1/16W 5% 0402 SMD
26	1	R21	9.53K	Rohm Semiconductor	MCR01MRTF9531	402	RHM9.53KCDTR-ND	RES 9.53K OHM 1/16W 1% 0402 SMD
27	1	R33	1.87K	Vishay / Dale	CRCW04021K87FKED	402	CRCW04021K87FKED-ND	RES 1.87K OHM 1/16W 1% 0402 SMD
28	1	R34	4.99K	Vishay / Dale	CRCW04024K99FKED	402	541-4.99KJCT-ND	RES 4.99K OHM 1/16W 1% 0402 SMD
29	2	SW1,SW2	8-POS 50-MIL SMT	C&K Components	SD08H05BR		CKN6128CT-ND	SWITCH DIP SPST SEALED 8POS SMD SWITCH SLIDE SPDT 6A 125V Circuit SPDT
30	1	SW3	MS13ANW03	NKK Switches	MS13ANW03	sw_3pin_spdt	360-2386-ND	Switch Function On-Off-On
31	1	U1	TUSB4041	Texas Instruments	TUSB4041IPAP	ironwood_64pin_qfe_7001	TUSB4041IPAP-ND	USB2.0 Hub
32	1	U2	24AA04-I/P	Microchip Technology	24AA04-I/P	8DIP	24AA04-I/P-ND	IC EEPROM 4KBIT 100KHZ 8DIP
33	1	U4	TPS7A4533	Texas Instruments	TPS7A4533KTT	DDPAK-5	296-23755-1-ND	IC REG LDO 3.3V 1.5A 5-DDPAK
34	1	U6	TPS74801RGW	Texas Instruments	TPS74801RGW	20VQFN	296-27073-1-ND	IC REG LDO ADJ 1.5A 20VQFN

35	4	U7,U8,U9,U10	TPS2001C	Texas Instruments	TPS2001CDGN	8DGN	296-29336-5-ND	IC PWR SW USB 2.87A 1CH 8MSOP
36	1	Y1	ECS-24MHZ	ECS	ECS-240-20-30B-TR	5.0mm x 3.2mm	XC1122CT-ND	CRYSTAL 24.000 MHZ 20PF SMD

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