

CAPI SumBus2 Rev A PCB BOM

Resistors (metal film)					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	R33	160R	.25W 1% MF	Xicon	271-160-RC
	R37	160R			
1	R3	200R	.25W 1% MF	Xicon	271-200-RC
1	R2	464R	.25W 1% MF	Xicon	271-464-RC
4	R24	1k	.25W 1% MF	Xicon	271-1k-RC
	R27	1k			
	R43	1k			
	R44	1k			
6	R21	4k99	.25W 1% MF	Xicon	271-4.99k-RC
	R22	4k99			
	R34	4k99			
	R35	4k99			
	R36	4k99			
	R45	4k99			
2	R29	10k	.25W 1% MF	Xicon	271-10k-RC
	R41	10k			
2	R20	20k	.25W 1% MF	Xicon	271-20k-RC
	R23	20k			
8	R46	47k	.25W 1% MF	Xicon	271-47k-RC
	R47	47k			
	R48	47k			
	R49	47k			
	R50	47k			
	R51	47k			
	R52	47k			
R53	47k				
2	R25	150k	.25W 1% MF	Xicon	271-150k-RC
	R26	150k			



Resistors (carbon film)					
4	PR1	10R	.25W 5% CF	Xicon	291-10-RC
	PR2	10R			
	PR3	10R			
	PR4	10R			
1	R1	3k6	.25W 5% CF	Xicon	291-3.6k-RC
8	R4	15k	.25W 5% CF	Xicon	291-15k-RC
	R6	15k			
	R8	15k			
	R10	15k			
	R12	15k			
	R14	15k			
	R16	15k			
	R18	15k			
8	R28	100k	.25W 5% CF	Xicon	291-100k-RC
	R30	100k			
	R31	100k			
	R32	100k			
	R38	100k			
	R39	100k			
	R40	100k			
	R42	100k			
8	R5	1M	.25W 5% CF	Xicon	291-1M-RC
	R7	1M			
	R9	1M			
	R11	1M			
	R13	1M			
	R15	1M			
	R17	1M			
	R19	1M			



Resistors (carbon film ~ continued)					
16	R54	3M	.25W 5% CF	Xicon	291-3M-RC
	R55	3M			
	R56	3M			
	R57	3M			
	R58	3M			
	R59	3M			
	R60	3M			
	R61	3M			
	R62	3M			
	R63	3M			
	R64	3M			
	R65	3M			
	R66	3M			
	R67	3M			
	R68	3M			
	R69	3M			

LED's					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
4	LED1	Green	2mm Lighthouse	Kingbright	WP13GD
	LED2	Green			
	LED5	Green			
	LED6	Green			
4	LED3	Yellow	2mm Lighthouse	Kingbright	WP13YD
	LED4	Yellow			
	LED7	Yellow			
	LED8	Yellow			



Diodes					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
24	CR1	1N914	Rectifier	Fairchild Semiconductor	1N914
	CR2	1N914			
	CR3	1N914			
	CR4	1N914			
	CR5	1N914			
	CR6	1N914			
	CR7	1N914			
	CR8	1N914			
	CR9	1N914			
	CR10	1N914			
	CR11	1N914			
	CR12	1N914			
	CR13	1N914			
	CR14	1N914			
	CR15	1N914			
	CR16	1N914			
	CR17	1N914			
	CR18	1N914			
	CR19	1N914			
	CR20	1N914			
	CR21	1N914			
	CR22	1N914			
	CR23	1N914			
	CR24	1N914			
4	D1	1N4004	Rectifier	Fairchild Semiconductor	1N4004
	D2	1N4004			
	D3	1N4004			
	D4	1N4004			

Capacitors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	C11	27pF, 50V	COG Ceramic	BC	K270J15C0GF5TL2
	C12	27pF, 50V			
2	C3	82pF, 50V	COG Ceramic	BC	K820J15C0GF5TL2
	C8	82pF, 50V			



Capacitors (continued)					
2	C17	220pF, 50V	COG Ceramic	BC	K221J15C0GF5TL2
	C20	220pF, 50V			
4	C13	1000pF, 50V	COG Ceramic	BC	K102J15C0GF5TL2
	C14	1000pF, 50V			
	C15	1000pF, 50V			
	C16	1000pF, 50V			
16	C21	.1μF, 50V	X7R Ceramic	BC	K104K15X7RF5TL2
	C22	.1μF, 50V			
	C23	.1μF, 50V			
	C24	.1μF, 50V			
	C25	.1μF, 50V			
	C26	.1μF, 50V			
	C27	.1μF, 50V			
	C28	.1μF, 50V			
	C29	.1μF, 50V			
	C30	.1μF, 50V			
	C31	.1μF, 50V			
	C32	.1μF, 50V			
	C33	.1μF, 50V			
	C34	.1μF, 50V			
	C35	.1μF, 50V			
	C36	.1μF, 50V			
6	C1	33μf, 25V	Radial, Electrolytic	Nichicon	UMV1E330MFD1TP
	C2	33μf, 25V			
	C4	33μf, 25V			
	C5	33μf, 25V			
	C6	33μf, 25V			
	C7	33μf, 25V			
2	C9	100μF, 25V	Radial, Electrolytic	Nichicon	UHE1E101MED1TD
	C10	100μF, 25V			
2	C18	220μF, 10V	Axial, Electrolytic	BC	MAL202134221E3
	C19	220μF, 10V			



Transistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	Q1	2N3906	PNP-BJT	Fairchild	2N3906TA
8	Q2	2N3904	NPN-BJT	Fairchild	2N3904TA
	Q3	2N3904			
	Q4	2N3904			
	Q5	2N3904			
	Q6	2N3904			
	Q7	2N3904			
	Q8	2N3904			
	Q9	2N3904			
8	F2	J111	N channel JFET	Fairchild	J111_D26Z
	F4	J111			
	F6	J111			
	F8	J111			
	F10	J111			
	F12	J111			
	F14	J111			
	F16	J111			
8	F1	J175	P channel JFET	Fairchild	J175_D26Z
	F3	J175			
	F5	J175			
	F7	J175			
	F9	J175			
	F11	J175			
	F13	J175			
	F15	J175			

Operational Amplifiers					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	A1	DTO5-V	Discrete	CAPI	DTO5
	A2	DTO5-V			

Transformers & Inductors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	T1	1:7	Input	CAPI	CA2622
	T2	1:7			



Switches					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
8	SW1	4PDT	Pushbutton	Toneluck	MPN-S4-A
	SW2	4PDT			
	SW3	4PDT			
	SW4	4PDT			
	SW5	4PDT			
	SW6	4PDT			
	SW7	4PDT			
	SW8	4PDT			
4	SW3	Black	Pushbutton Cap	E-Switch	1RBLK
	SW4	Black			
	SW7	Black			
	SW8	Black			
4	SW1	White	Pushbutton Cap	E-Switch	1RWHT
	SW2	White			
	SW5	White			
	SW6	White			

Miscellaneous					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	****		PCB	CAPI	SumBus2 Rev A
1	JP1	3-pin	.1 recepticle	Sullins	PPPC031LFBN-RC
1	JP2	4-pin	.1 recepticle	Sullins	PPPC041LFBN-RC

