

Title QuickUSB Module  
 Rev B1  
 Date 19-Jul-06

Bitwise Systems  
 6489 Calle Real, Suite E  
 Goleta, CA 93117

Bill Of Materials

Item	Quantity	Reference	Value	Mfgr Part #	Mfg	Footprint	Description	RoHS (Y/N)
1	20	C1, C2, C3, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C23	0.1uF	EMK107BJ104KA-T	Taiyo	603	CAP CER .10UF 16V X7R 0603	Y
2	2	C4, C5	10pF	ECJ-1VC1H100D	Panasonic - ECG	603	CAP 10PF 50V CERAMIC 0603 SMD	Y
3	2	C22, C24	4.7uF	T491A475K010AT	Kemet	A	CAPACITOR TANT 4.7UF 10V 10% SMD	Y
4	1	C25	47uF	TPSA476K006R0800	Kemet	A	CAP TANT LOESR 47UF 6.3V 10% SMD	Y
5	1	J1	897-43-004-90-000	897-43-004-90-000	Mill-Max	787780	CONN RECEPT USB TYPE B PCB	Y
6	1	J2	FX8-80P-SV	FX8-80P-SV	Hirose	FX80P-SV	CONN HEADER 80POS .6MM GOLD PCB	Y
7	2	L8, L9	0 Ohm	ERJ-3GEY0R00V	Panasonic	603	Zero ohm resistor	Y
7	2	L10, L11	1k	MMZ1608S601A	TDK	603	FERRITE CHIP 600 OHM 500MA 0603	Y
8	1	R6	10M	RC0603JR-0710ML	Yageo	3-0603	RES 10M OHM 1/10W 5% 0603 SMD	Y
9	1	R16	620k	RC0603JR-07620KL	Yageo	3-0603	RES 620K OHM 1/10W 5% 0603 SMD	Y
10	1	R17	200k	ERJ-3GEYJ204V	Panasonic - ECG	3-0603	RES 200K OHM 1/10W 5% 0603 SMD	Y
11	1	R18	10k	EXB-V8V103JV	Panasonic - ECG	R1206-4	RES ARRAY 10K OHM 5% 4 RES SMD	Y
12	1	R19	2200	EXB-V8V222JV	Panasonic - ECG	R1206-4	RES ARRAY 2.2K OHM 5% 4 RES SMD	Y
13	8	R20, R21, R22, R23, R24, R25, R26, R27	47	EXB-V8V470JV	Panasonic - ECG	R1206-4	RES ARRAY 47 OHM 5% 4 RES SMD	Y
14	1	U1	CY7C68013A-128AXC	CY7C68013A-128AXC	Cypress	QFP-14X20-128		Y
15	1	U2	MAX3232CD	MAX3232CD	TI	SO-G16	IC DRVRCVRCMULTCH RS232 16SOIC	Y
16	1	U3	PCA9515AD/G-T	PCA9515AD/G-T	Philips	SO8	IC I2C BUS REPEATER 8 SOIC	Y
17	1	U4	24LC128-I/SN	24LC128-I/SN	Microchip	SO8	IC SERIAL EEPROM 128K 2.5V 8SOIC	Y
18	1	U5	TPS2150IPWP	TPS2150IPWP	TI	HTTSSOP14	IC USB ADJ LDO 5V HP 14-HTSSOP	Y
19	1	Y1	ECS-240-20-5PXDN-TR	ECS-240-20-5PXDN-TR	ECS	CSM-7	CRYSTAL 24.000MHZ 20PF SMD	Y