

AT88CK490, REV-2

Reference	Value	Part Number	Part Name
U1	ATAES132-MAH-ER	ATAES132	8 lead UDFN
U2	ATSHA204-MAH-DA	ATSHA204	8 lead UDFN
U3	ATECC108-MAHDA	ATECC108	8 lead UDFN
U4	AT90USB1287-MUR	AT90USB1287 64QFN	64QFN
C2	0.1uF	C0402X7R160-104KNE	CAP0402
C5	0.1uF	C0402X7R160-104KNE	CAP0402
C6	0.1uF	C0402X7R160-104KNE	CAP0402
C9	0.1uF	C0402X7R160-104KNE	CAP0402
C7	0.1uF	C0402X7R160-104KNE	CAP0402
C8	0.1uF	C0402X7R160-104KNE	CAP0402
C11	10pf	C1005C0G1H100D	CAP0402
C12	10pf	C1005C0G1H100D	CAP0402
C3	1.0uF	C0603Y5V250-105ZNE	CAP0603
C1	2.2uF	ECJ-1VF1A225Z	CAP0603
C4	4.7uF	0805YG475ZAT2A	CAP10UF_16V_SIZE0805
D1	PGB1010603MR	PGB1010603MR	PGB1010603MR-603-19
D2	PGB1010603MR	PGB1010603MR	PGB1010603MR-603-20
H3	DNI		HEADER5, 1X5
AES	BLUE MB1111C-TR	MB1111C-TR	LED_0603
ECC	BLUE MB1111C-TR	MB1111C-TR	LED_0603
SHA	BLUE MB1111C-TR	MB1111C-TR	LED_0603
PWR	QTLP600C7TR	QTLP600C7TR-603-1	LED_0603
R3	1.5K	ERJ-2GEJ152X	RES0402
R1	22	ERJ-2GEJ220X	RES0402
R2	22	ERJ-2GEJ220X	RES0402

R4	470	ERJ-2GEJ471X	RES0402
R5	470	ERJ-2GEJ471X	RES0402
R8	470	ERJ-2GEJ471X	RES0402
R13	470	ERJ-2GEJ471X	RES0402
R9	47K	CRO402-16W-4702FT	RES0402
R12	47K	CRO402-16W-4702FT	RES0402
R11	3.92K	ERJ-3EKF3921V	RES0603
R6	4.87	CRCW06034R87FNEA	RES0603
R7	820	CRCW0603825RFKEA	RES0603
USB	WM17118-ND	48037-0001	USB_48037_MOLEX
Y1	16 Mhz crystal	NX2520SA-16.000000MHZ	XTAL_SMB_XY2.5X2.0