

ADW1710 digital Tape Recorder for the KIM family

	Date		Tool		
	Sunday, 21 February 2021 at 15:18:12		Eeschema (5.1.6-0-10_14)		
Ref	Qty	Value	Cmp name	Footprint	Description
C1, C4,	2	100nF	C	Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	Unpolarized capacitor
C2, C3,	2	2.2uF	C_Polarized_Small	Capacitor_SMD:C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	Polarized capacitor, small symbol
D1,	1	1N4148	DIODE	Diode_THT:D_T-1_P5.08mm_Horizontal	1N4148
D2,	1	LED	LED	LED_SMD:LED_1206_3216Metric_Pad1.42x1.75mm_HandSolder	Light emitting diode
Q1, Q2,	2	BC848	BC848	Package_TO_SOT_SMD:SOT-23	0.1A Ic, 30V Vce, NPN Transistor, SOT-23
Q3, Q4, Q5,	3	BSS138	BSS138	Package_TO_SOT_SMD:SOT-23	50V Vds, 0.22A Id, N-Channel MOSFET, SOT-23
R1,	1	220k	R	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	Resistor
R2,	1	100k	R	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	Resistor
R3, R4, R5, R6, R7, R8, R9, R12, R13, R14, R16, R19, R20, R21,	14	10k	R	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	Resistor
R10, R11,	2	33k	R	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	Resistor
R15,	1	650R	R	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	Resistor
R17, R18,	2	4k7	R	Resistor_SMD:R_0805_2012Metric_Pad1.15x1.40mm_HandSolder	Resistor
SW1,	1	SW_DIP_x01	SW_DIP_x01	Button_Switch_SMD:SW_SPST_CK_R_S282G05A3	1x DIP Switch, Single Pole Single Throw (SPST) switch, small symbol
SW2,	1	FFRWD	SW_Push	Button_Switch_THT:SW_PUSH_6mm	Push button switch, generic, two pins
SW3,	1	REC	SW_Push	Button_Switch_THT:SW_PUSH_6mm	Push button switch, generic, two pins
SW4,	1	PLAY	SW_Push	Button_Switch_THT:SW_PUSH_6mm	Push button switch, generic, two pins
SW5,	1	SW_Push	SW_Push	Button_Switch_THT:SW_PUSH_6mm	Push button switch, generic, two pins
U1,	1	TC1262-33	TC1262-33	Package_TO_SOT_SMD:SOT-223	500mA Low Dropout CMOS Voltage Regulator, Fixed Output 3.3V, TO-220/SOT-223/TO-263
U2,	1	ESP-12E	ESP-12E	MyNewLibrary:ESP-12E	802.11 b/g/n Wi-Fi Module
U3,	1	I2C_OLED	I2C_OLED	MyNewLibrary:I2C_OLED_096	
U4,	1	ATtiny841-SS	ATtiny841-SS	Package_SO:SOIC-14_3.9x8.7mm_P1.27mm	16MHz, 8kB Flash, 512B SRAM, 512B EEPROM, ADC, ACI, debugWIRE, SOIC-14