

SMT MasterTracker MTM4 BOM

Quantity	Description	Mouser Part Number	Package	Part Designation	Datasheet	Mouser Link	Manufacturer Part Number	Alternate Part Link	Alternate PN
1	595-SN74LS86AN	595-SN74LS86AN	DIP			Mouser Link	SN74LS86AN		
5	SN74LS47N	595-SN74LS47N	DIP			Mouser Link	SN74LS47N		
1	74HCT02D	595-SN74LS02N	DIP			Mouser Link	SN74LS02N		
1	SN74LS08NE4	595-SN74LS08NE4	DIP			Mouser Link	SN74LS08NE4		
1	SN74LS138NE4	595-SN74LS138NE4	DIP			Mouser Link	SN74LS138NE4		
1	SN74LS00NE4	595-SN74LS00NE4	DIP			Mouser Link	SN74LS00NE4		
3	SN74LS123N	595-SN74LS123N	DIP			Mouser Link	SN74LS123N		
2	74LS192		DIP					eBay Link	HD74LS192P
1	SN7425N	595-SN7425N	DIP			Mouser Link	SN7425N		
1	7496 5-bit Shift Register	N/A	DIP-16			N/A	DM7496N	DM7496N eBay Link	303565125501
1	Microchip 3.08v 1.5s Supervisor	998-MIC6315-31D4UYTR	SOT-143-4		YES	MIC6315 Mouser Link	MIC6315-31D4UY-TR		
2	Microchip MIC1557 Itty Bitty Oscillators	998-MIC1557YM5TR	SOT-23		YES	MIC1557 Mouser Link	MIC1557YM5-TR		
1	TI 1 of 2 Decoder	595-SN74LVC1G19DBVR	SOT-23-6		YES	74G19 Mouser Link	SN74LVC1G19DBVR		
2	BC547B NPN Transistor	512-BC547B	TO-92-3			BF547B Mouser Link	BC547B		
5	100pf Ceramic	81-RCE5C1H101J0A2H3B	Leaded			Mouser Link	RCE5C1H101J0A2H03B		
13	0.1uF Ceramic	594-K104K15X7RF5TL2	Leaded			Mouser Link	K104K15X7RF5TL2		
1	0.01uf 0805 Capacitor	603-CC805JRX7R0BB103	0805			0.01uf Mouser Link	CC0805JRX7R0BB103		
1	1uf 0805 Capacitor	603-CC805ZRY5V7BB105	0805			1uf 0805 Mouser Link	CC0805ZRY5V7BB105		
2	Panasonic 100uF 25v 5mm LS	667-ECE-A1EKS101Q	5mm/LS		YES	100uf EL Mouser Link	ECE-A1EKS101Q		
1	10uf Electrolytic Capacitor	667-ECE-A1HKS100	2.5mm LS		YES	10uf EL Mouser Link	ECE-A1HKS100		
35	330R Resistor	303-0603WAJ0331T5E	Leaded			330R 0603 Mouser Link	0603WAJ0331T5E		
6	22K Resistor	660-RK73H2ATTD2202F	Leaded			22K 0805 Mouser Link	RK73H2ATTD2202F		
1	KOA Speer 0805 1K Resistors	660-RK73H2ATTD1001F	0805			1K 0805 Mouser Link	RK73H2ATTD1001F		
1	KOA Speer 0805 2.4K Resistors	660-RK73H2ATTD2401F	0805			2.4K 0805 Mouser Link	RK73H2ATTD2401F		
3	Royalohm 0805 100K Resistor	303-0805W8J0104T5E	0805			100K 0805 Mouser Link	0805W8J0104T5E		
1	Piezo Buzzers & Audio Indicators PZ 12VDC 4100Hz 80dB Continuous Top Fire	665-AI1441TWT12VR	Thru Hole		YES	Piezo Buzzer Mouser Link	AI-1441-TWT-12V-R		