

SMT MasterTracker MTM3 BOM - Complete

Quantity	Description	Mouser Part Number	Package	Part Designation	Datasheet	Mouser Link	Manufacturer Part Number	Alternate Part Link	Alternate PN
1	SN74AHCT86DR	595-SN74AHCT86DR	SOIC-14		YES	SN74AHCT86DR Mouser Link	SN74AHCT86DR		
5	SN74LS47DR	595-SN74LS47DR	SOIC-Narrow-16		YES	SN74LS47DR Mouser Link	SN74LS47DR		
1	74HCT02D,653	771-74HCT02D-T	SOIC-14		YES	74HCT08D, 653 Mouser Link	74HCT02D,653		
1	74AHCT08D,118	771-AHCT08D118	SOIC-14		YES	74AHCT08D, 118 Mouser Link	74AHCT08D,118		
1	74HCT138D,653	771-74HCT138D-T	SOIC-16		YES	74HCT138D-T Mouser Link	74HCT138D,653		
1	CD74HCT00M,96	595-CD74HCT00M96	SOIC-14		YES	CD74HCT00,M96 Mouser Link	CD74HCT00M96		
3	74AHCT123AD,118	771-AHCT123AD118	SOIC-16		YES	74AHCT123AD Mouser Link	74AHCT123AD,118		
2	Fairchild BCD Counters	74F1925C	SOIC-16		YES	N/A	74F192	74F192SC eBay Link	152310918445
1	Motorola Dual NOR Gates	MC74LS260D	SOIC-14		YES	N/A		MC74LS260D eBay Link	255964833161
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	Yageo 100pF 50v 5% 0805 MLCC	603-CC805JPNPO9BN101	0805	101		100pf 0805 Mouser Link	CC0805JPNPO9BN101		
13	Yageo 0.1uF 10v 10% 0805 MLCC	603-CC0805KRX76BB104	0805	104		0.1uf 0805 Mouser Link	CC0805KRX7R6BB104		
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			
1	220uf Electrolytic Capacitor	647-UMR0J221MDD	2.5mm LS		YES	220uf EL Mouser Link			
1	10uf Electrolytic Capacitor	667-ECE-A1HKS100	2.5mm LS		YES	10uf EL Mouser Link			
35	Royalohm 0603 330R Resistors	303-0603WAJ0331T5E	0603			330R 0603 Mouser Link	0603WAJ0331T5E		
2	KOA Speer 0805 10K Resistors	660-RK73H2ATTD1002F	0805			10K 0805 Mouser Link	RK73H2ATTD1002F		
6	KOA Speer 0805 22K Resistor	660-RK73H2ATTD2202F	0805			22K 0805 Mouser Link	RK73H2ATTD2202F		
0	KOA Speer 0805 220 Resistors	660-RK73H2ATTD2200F	0805			220R 0805 Mouser Link	RK73H2ATTD2200F		
1	KOA Speer 0805 1K Resistors	660-RK73H2ATTD1001F	0805			1K 0805 Mouser Link	RK73H2ATTD1001F		
1	KOA Speer 0805 2.4K Resistors	660-RK73H2ATDD2401F	0805			2.4K 0805 Mouser Link	RK73H2ATDD2401F		
1	KOA Speer 0805 300K Resistor	660-RK73H2ATTD3003F	0805			300K 0805 Mouser Link	RK73H2ATTD3003F		
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		