

STPM33 V2

item	qty	reference designator	value/type	footprint	assembly instructions	distrelec	rs	other provider	part number name/notes
1	13	C1,C2,C3,C4,C5,C6,C7,C8,C19,C22,C27,C29,C32	100n	sm/c_0603		823499			or equivalent
2	11	C9,C11,C12,C13,C14,C15,C18,C21,C26,C28,C31	150p	sm/c_0402		831827			or equivalent
3	3	C10,C25,C33	10n	sm/c_0603		830121			or equivalent
4	2	C16,C17	15p	sm/c_0603		838382			or equivalent
5	1	C20	4.7u	sm/c_0805		823504			or equivalent
6	1	C23	100u 10V	CPCYL/D.200/LS.100/.031				Farnell	2346495
7	1	C24	22n	sm/c_0603		823493			or equivalent
	1	C34	22n	sm/c_0603	NON MONTARE				
8	1	C30	1u	sm/c_0603		823495			or equivalent
9	2	DL1,DL2	Low pwr SMD LED	LEDSMD		631039			or equivalent
10	1	J1	RS-232 DB9	DSUB/RS.318/TM/9			674-0827		or equivalent
11	4	J2,J3,J4	1 row male header 2.54mm	BLKCON.100/VH/TM1SQS/W.100/3		127232			or equivalent
12	2	J5,J6	2 rows male header 2.54mm	BLKCON.100/VH/TM2OE/W.200/8		127234			or equivalent
13	1	J7	PCB supply screw connector	MORS2		140276			or equivalent
14	2	J8,J9	THT PCB Faston Connector	FASTON		450280			or equivalent
		J10	THT PCB Faston Connector	FASTON	NON MONTARE				
15	6	L1,L2,L3,L4,L5,L6	TDK Ferrite Beads MM71608Y152E	SM/R_0603				Farnell	1855387RL
		L7	TDK Ferrite Beads MM71608Y152E	SM/R_0603	NON MONTARE				
16	1	RS1	BKW-M-R0003-5.0	ISABH_SHUNT				Isabellenhuette	BKW-M-R0003-5.0
17	5	R1,R7,R8,R9,R10	10K	SM/R_0603					resistor, 1% tol., 100ppm/°C
18	1	R2	22K	SM/R_0603					resistor, 1% tol., 100ppm/°C
19	2	R3,R11	100R	SM/R_0603					resistor, 1% tol., 100ppm/°C
20	1	R4	1M	SM/R_0603					resistor, 1% tol., 100ppm/°C
21	2	R5,R6	4.7K	SM/R_0603					resistor, 1% tol., 100ppm/°C
22	3	R12,R13,R14	270K miniMELF resistor	SM/R_1206		713132			or equivalent
	3	R23,R24,R25	270K miniMELF resistor	SM/R_1206	NON MONTARE				
23	1	R15	470R miniMELF resistor	SM/R_1206		713066			or equivalent
	1	R26	470R miniMELF resistor	SM/R_1206	NON MONTARE				
24	1	R21	6R miniMELF resistor	SM/R_1206		713021			or equivalent
	1	R16	6R miniMELF resistor	SM/R_1206	NON MONTARE				
25	4	R17,R18,R20,R22	1K	SM/R_0603					resistor, 1% tol., 100ppm/°C
26	1	R19	0R	SM/R_0603	NON MONTARE				
27	1	SW1	3-way SPST Dip-Switch	DIP.100/6/W.300/L.375			745-5167		
28	1	T2	VAC 4626-X002	BLKCON.100/VH/TM1SQS/W.100/2				Vacuumschmelze	4626-X002
	1	T1	VAC 4626-X002	BLKCON.100/VH/TM1SQS/W.100/2	NON MONTARE				
29	1	U1	ST3232B	TSSOP16				STMicroelectronics	
30	1	U2	Si8621	SOG.050/8/WG.275/L.250				SiLabs	Si8621EC-B-IS
31	1	U3	STPM33	QFN32L 5X5 0.5	CONTO LAVORO			STMicroelectronics	
33	1	Y1	16MHz Crystal, HC49US package	XTAL		335035			