

## WeatherStation BOM

Comment	Description	Designator	Manufacturer	Quantity
1u	1u, 10%, 1206, 25V	C9, C10, C11, C12, C13, C14, C16, C17, C21, C23		10
4u7	4u7, 10%, 1206, 50V	C15		1
470n	470n, 10%, 1206, 16V	C18		1
100n	100n, 10%, 1206, 50V	C22		1
BAT42WS	0.2W Surface Mount Flat Lead Fast Switching Schottky Barrier Diode	D1, D2, D3		3
MLZ2012M470WT	47u, 20%, 0805, 170mA	L2	TDK	1
BSS123	N-channel TrenchMOS transistor BSS123 Logic level FET	Q1		1
NX3008PBK	30 V, 230 mA P-channel Trench MOSFET	Q2		1
4k7	4k7, 1%, 1206, 0.25W	R1, R3, R4, R5		4
2R2	2R2, 1%, 1206, 0.25W	R2		1
LM75AD.112	Digital temperature sensor and thermal watchdog	U3	NXP	1
ZL301-40P (6pin)	Gold pin, SMT, Stright, 2.54mm, 6 pin	X1	NINIGI	1
ZL301-40P (8pin)	Gold pin, SMT, Stright, 2.54mm, 8 pin	X2, X4	NINIGI	2
ZL301-40P (10pin)	Gold pin, SMT, Stright, 2.54mm, 10 pin	X3	NINIGI	1
XF2M-2415-1A	Rotary Backlock Connector (0.5mm Pitch, Dual Contact) FPC/FFC	X5	OMRON	1
HINK-E0154A07	3-Color e-paper display	connected to X5	HOLITECH	1