



Title		
Size	Number	Revision
A4		
Date:	09.04.2019	Sheet of
File:	D:\my_work\...\hv_pm.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
cap0805	Capacitor	C1, C2, C5, C6, C8, C9, C10, C11, C12, C13	SM0805	cap0805	10
CAP_d6.3x2.5mm	CAP_d6.3x2.5mm	C3, C7	CAP_d6.3x2.5mm	CAP_d6.3x2.5mm	2
CAP_POL_SMB	CAP_POL_SMB(3528)	C4	CAP_POL_SMB	CAP_POL_SMB	1
BAV99S	sot343 diodes pack	D1, D5	SOT-363	BAV99S	2
DiodeZener_SOD123	SOD123	D2, D3, D4	SOD123	DiodeZener_SOD123	3
2PIN_VER		K1, K2, K3, K4	2PIN_VER	2PIN_VER	4
inductance SMT 3.2x4.5 mm	inductance SMT 3.2x4.5 mm	L1, L2	inductor_LQH43PN	inductor_LQH43PN	2
MOSFET-N_BSZ42DN25NS3	N-Channel MOSFET	Q1	TSOP 3.8x3.8mm -	MOSFET-N_BSZ42DN25NS3	1
Si7113ADN	P-Channel MOSFET	Q2	TSOP 3.8x3.8mm -	MOSFET-P_Si7113ADN	1
res0805	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R14, R15, R16	SM0805	res0805	15
res2512	Resistor	R13	smt2512	res2512	1
boost converter	qfn16	U1	QFN-16 3x3mm	HV9150	1
MCP4017	I2C 128 tap digital pot	U2	sc70-6	MCP4017	1
MAX1846	non-inverting buffer so	U3	MSOP-10_M	MAX1846	1