HSFL EPS v0.3.1 BOM

NAME	VALUE	PACKAGE	MAN PN	DIGIKEY PN	MOUSER PN	PRICE	NO. REQUIRED	TOTAL
C1, C4, C25, C28, C41, C42, C48, C53, C59, C60, C61, C63, C65, C66, C67, C68, C69	1uF	805	C0805C105K3RACTU	399-8004-1-ND		$0.10	17	$1.70
C13, C14	10uF	1206	GRM31CR71E106KA12K	490-14678-1-ND		$0.77	2	$1.54
C15, C16	0.1uF	1210	885012209019	732-7720-1-ND		$0.39	2	$0.78
C17, C18, C33	22uF	2917	T520V226M020ATE040	399-4740-2-ND		$3.24	3	$9.72
C19, C20	DNP	1206					2	$0.00
C2, C46, C51, C56, C58	4.7pF	805	VJ0805A4R7BXXCW1BC	720-1721-1-ND		$0.25	5	$1.25
C24	DNP	2917					1	$0.00
C26	100pF	805	885012207054	732-8046-1-ND		$0.10	1	$0.10
C27, C29, C30	DNP	805					3	$0.00
C3	0.47uF	805	CC0805KKX7R8BB474	311-1364-1-ND		$0.22	1	$0.22
C35, C36	DNP	1210					2	$0.00
C37	100uF	2917	T521D107M025ATE050	399-T521D107M025ATE050CT-ND		$4.68	1	$4.68
C44, C49, C54	10pF	805	C0805C100K5RAC7800	399-17612-1-ND		$0.25	3	$0.75
C45, C50, C55	47uF	1210	LMK325B7476KM-PR	587-5921-1-ND		$0.88	3	$2.64
C5, C7, C8, C11, C12, C31, C32, C40, C43, C47, C52, C57, C58, C60, C61, C62	0.1uF	805	C0805C104M3RACTU	399-8000-1-ND		$0.10	16	$1.60
C59, C62	10uF	1210	C1210C106K3RACAUTO	399-7046-1-ND		$0.69	2	$1.38
C6	4700pF	805	885012207064	732-8053-1-ND		$0.10	1	$0.10
C9, C10, C21, C22, C34, C38, C39	4.7uF	1206	C1206C475K3RACAUTO	399-7029-1-ND		$0.33	7	$2.31
C63	10000pF	805	C0805C103K3RACTU	399-7994-1-ND		$0.15	1	$0.15
D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11	SHOTKEY	SOD123FL	MBR2H100SFT3G	MBR2H100SFT3GOSCT-ND		$0.44	11	$4.84
FB1, FB2	600	1206	742792118	732-4653-1-ND		$0.23	2	$0.46
FB3	330	805	MPZ2012S331AT000	445-1569-1-ND		$0.11	1	$0.11
H1, H2	PC104_WCONN	PC104_WCONN					2	$0.00
J1, J2, J3, J4, J5, J6	DNP	2mm					6	$0.00
L1	4.2uH	WE-HCI_105023	744325420	732-1170-1-ND		$4.01	1	$4.01
L2	1.5uH	WE-HCI_7030/7040/705023	744314150	732-1158-1-ND		$3.56	1	$3.56
R99	0	RESC5025X70N	CRCW20100000Z0EF	541-0.0WCT-ND		$0.28	1	$0.28
L4, L5, L6	2.2uH	XFL4030472MEB	XFL4020-222MEC		994-XFL4020-222MEC	$2.13	3	$6.39
M1, M2, M5	BSC014N04LSIBSC014N04LSI	TRANS_BSC014N04LSIATMA1	BSZ100N06LS3GATMA1	BSZ100N06LS3GATMA1CT-ND		$0.89	3	$2.67
M3, M4, M7	BSC093N04LS51	MOSFET_BSC093N04LSGATMA1	BSZ033NE2LS5ATMA1	448-BSZ033NE2LS5ATMA1CT-ND		$0.94	3	$2.82
R1	0.004	RESC2012X70N	KRL2012E-M-R004-F-T5	408-1594-1-ND		$0.61	1	$0.61
R10	165K	805	1-2176094-5	A110756CT-ND		$0.62	1	$0.62
R12, R13, R14, R15, R16, R17, R23, R24	10	805	PCAN0805E10R0BST5	764-1236-1-ND		$1.37	8	$10.96
R18, R19, R20	0	805	RMCF0805ZT0R00	RMCF0805ZT0R00CT-ND		$0.10	3	$0.30
R2, R3, R27	0.015	RESC2012X70N	KRL2012E-M-R015-F-T5	408-1601-1-ND		$0.63	3	$1.89
R21, R22, R25, R26, R28, R29, R60	DNP	805					7	$0.00
R30, R36, R58	2K	805	RC0805FR-072KL	311-2.00KCRCT-ND		$0.10	3	$0.30
R31, R32, R33, R34, R41, R43, R47, R49, R53, R56, R58, R60	1M	805	RC0805FR-071ML	311-1.00MCRCT-ND		$0.10	12	$1.20
R35	0	1206	HCJ1206ZT0R00	HCJ1206ZT0R00CT-ND		$0.62	1	$0.62
R39, R45, R51	18.2K	805	ERJ-6ENF1822V	P18.2KCCT-ND		$0.10	3	$0.30
R4	DNP	RESC2012X70N					1	$0.00
R40, R48	182K	805	RC0805FR-07182KL	311-182KCRCT-ND		$0.10	2	$0.20
R42, R46, R52	49.9K	805	ERA-6AEB4992V	P49.9KDACT-ND		$0.33	3	$0.99
R44, R50, R55, R61	191K	805	RG2012P-1913-B-T5	RG20P191KBCT-ND		$0.38	4	$1.52
R5, R11, R56	100K	805	RG2012N-104-W-T1	RG20N100KWCT-ND		$0.93	3	$2.79
R54	300K	805	RG2012P-304-B-T5	RG20P300KBCT-ND		$0.38	1	$0.38
R55	62K	805	RMCF0805FT62K0	RMCF0805FT62K0CT-ND		$0.10	1	$0.10
R59	90K	805	PTN0805E9002BST1	764-1550-1-ND		$0.71	1	$0.71
R6	27K	805	ERA-6ARW273V	P27KBSCT-ND		$0.78	1	$0.78
R7	75K	805	RG2012P-753-B-T5	RG20P75.0KBCT-ND		$0.38	1	$0.38
R8, R37, R38, R57	10K	805	ERJ-P06F1002V	P16059CT-ND		$0.17	4	$0.68
R9	374K	805	4-2176094-8	A110790CT-ND		$0.66	1	$0.66
R59	127K	805	ERA-6AEB1273V	P127KDACT-ND		$0.33	1	$0.33
TB1	ARDUINO_NANO	ARDUINO_NANO	NanoEvery			$10.90	1	$10.90
U1	LT8390IFE	SOP65P640X120-29N	LT8390IFE#PBF	LT8390IFE#PBF-ND		$12.75	1	$12.75
U2	TCA9511A	VSSOP-8	TCA9511ADGKR	296-TCA9511ADGKRCT-ND		$1.92	1	$1.92
U3, U4, U5	LT8609	MSOP-10	LT8609EMSE#PBF	LT8609EMSE#PBF-ND		$7.55	3	$22.65
U6, U7, U8, U9, U10	LTC1477	SO8	LTC1477CS8#PBF	LTC1477CS8#PBF-ND		$8.34	5	$41.70
U11	ADT7311	SOIC8	ADT7311WTRZ	ADT7311WTRZ-ND		$4.82	1	$4.82
U12	MAX16998	TSSOP-8	MAX16998AAUA+	MAX16998AAUA+-ND		$2.39	1	$2.39
U13	TPS27082L	SOT-23-Thin-6	TPS27081ADDCR	296-34970-1-ND		$0.77	1	$0.77
							Grand Total	$178.28