

HUSB338 PD/PPS 2.0

2017-11-1 TEL:1366260507

VIN-3-20V

GND

OPTO

Comment	Description	Designator	Footprint	LibRef	Quantity
06033C105KAT2A	CAP, CERM, 1 μ F, 25 V, +/- 10%, X7R, 0603	C1	0603R	06033C105KAT2A	1
GRM188R71E105KA12D	CAP, CERM, 1 μ F, 25 V, +/- 10%, X7R, 0603	C2, C9, C10	0603R	GRM188R71E105KA12D	3
C0603X223K5RACTU	CAP, CERM, 0.022 μ F, 50 V, +/- 10%, X7R, 0603	C4	0603C	C0603X223K5RACTU	1
GRM188R71E104KA01D	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0603	C6	0603R	GRM188R71E104KA01D	1
GRM1885C1H331JA01D	CAP, CERM, 330 pF, 50 V, +/- 5%, C0G/NP0, 0603	C7, C8	0603R	GRM1885C1H331JA01D	2
ESD-SOT23		D1, D2	SOT-23-3	ESD-SOT23	2
TYPE-C		J1	TYPE C 16PIN CONN	TYPE-C(DBK12PIN)	1
KMB014P30QA		Q1	PDFN-3*3	MOSFET P-SOT23	1
CRCW0603100KFKEA	RES, 100 k, 1%, 0.1 W, 0603	R1	0603R	CRCW0603100KFKEA	1
CRCW060330K1FKEA	RES, 30.1 k, 1%, 0.1 W, 0603	R2	0603R	CRCW060330K1FKEA	1
WSL12065L000FEA	RES, 0.005, 1%, 0.25 W, 1206	R3	1206	WSL12065L000FEA	1
RT0603DRE0751R1L	RES, 51.1, 0.5%, 0.1 W, 0603	R4	0603R	RT0603DRE0751R1L	1
CRCW060310K0FKEA	RES, 10.0 k, 1%, 0.1 W, 0603	R5, R7	0603R	CRCW060310K0FKEA	2
CRCW060322R1FKEA	RES, 22.1, 1%, 0.1 W, 0603	R6, R10, R11, R12	0603R	CRCW060322R1FKEA	4
WSL12065L000FEA	RES, 0.005, 1%, 0.25 W, 1206	R8	R0603	WSL12065L000FEA	1
VIN	Test point or Battery PAD	TP1	TP1	TP	1
GND	Test point or Battery PAD	TP2	TP1	TP	1
OPTO	Test point or Battery PAD	TP3	TP1	TP	1
HUSB338SO14	PD Controller, SOP-14	U1	SOP14	HUSB338-SOP14	1