

Variant: 001  
Generated: 8/29/2019 2:55:16 PM  
TID #: TIDA-010062



TIDA-010062 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	2, Q16, Q19, Q20	4	40V	CSD18510Q5B	Texas Instruments	MOSFET, N-CH, 40 V, 100 A, DNK0008A (VSON-CLIP-8)	DNK0008A
2	C47, C72, C73, C74, C75, C76, C77, C78, C93, C94, C95, C96, C99, C103	14	10uF	GMK316AB7106KL-TR	Taiyo Yuden	CAP, CERM, 10 uF, 35 V, +/- 10%, X7R, 1206_190	1206_190
3	C79	1	1uF	UMK107AB7105KA-T	Taiyo Yuden	CAP, CERM, 1 uF, 50 V, +/- 10%, X7R, 0603	0603
4	R84	1	2.20	ERJ-3RQF2R2V	Panasonic	RES, 2.20, 1%, 0.1 W, 0603	0603
5	R86	1	2.20	ERJ-3RQF2R2V	Panasonic	RES, 1ohm 1%, 0.1 W, 0603	0603
6	R88, R89	2	10.0k	ERJ-3EKF1002V	Panasonic	RES, 10.0 k, 1%, 0.1 W, 0603	0603
7	U10	1		UCC27524DSDR	Texas Instruments	Dual, 5A, High-Speed Low-Side Power MOSFET Driver, DSD0008D (WSON-8)	DSD0008D