

#	Designator	Qty	Unit	CPN	Description	Mounting	DNP	Cust. provided	MPN	Manufacturer	MPN 2	Manufacturer 2	MPN n	Manufacturer n	Drawing No / Rev	IPN
1	T1000	1	PCS	P1000015	Trans MOSFET P-CH 50V 0.15A 3-Pin SC-70	SMT	Yes		BSS84AKW	Nexperia	BSS84AKW,115	Nexperia				
2	R48, R3154, R3163	3	PCS	P1020016	Res Thick Film 0402 330 Ohm 1% 0.063W/(1/16W) ±100ppm/°C	SMT		Yes								
3	C1038, C2006, C2007, C2022	4	PCS	P1010017	Cap Ceramic 12pF 50V C0G 5% Pad SMD 0402	SMT										
4	L4-6	3	PCS	P1004018	Power Choke Shielded Wirewound 6.8uH 20% 100KHz Ferrite 13A 0	SMT			7443320680	Würth						
5	T10_1, T10_2	2	PCS	P1200019	Current Limit Switch High Side	SMT			BTT6050-2ERA	Infineon	BTT60502ERAXUMA1	Infineon				
6	D2, D27	2	PCS	P1200020	Rectifier Diode Small Signal Switching 75V 0.15A 4ns 2-Pin SOD-323	SMT			1N4148WS	On Semi						
7	IC1	1	PCS	P1000021	Digital Isolator CMOS 4-CH 1Mbps 16-Pin SOIC W	SMT			ADUM5401ARWZ-RL	Analog Devices						
8	IC1	1	PCS	P1000021	Digital Isolator CMOS 4-CH 1Mbps 16-Pin SOIC W	SMT			ADUM5401ARWZ	Analog Devices						
9	C27-1, C28-2, C29-3, C30-3, C3	5	PCS	P1008023	Cap Ceramic 0.1uF 16V X7R 10% Pad SMD 0402	SMT			C0402C104K4RACTU	Kemet						
10	IC1030, IC1031, IC1032	3	PCS	P1010024	Inverter Schmitt Trigger 2-Element CMOS 6-Pin TSSOP	SMT			74LVC2G14GW,125	Nexperia						
11	R4013	1	PCS	P1010029	Trans MOSFET N-CH 650V 31.2A Automotive 3-Pin(3+Tab) TO-247	THT			IPW65R110CFDA	Infineon						

- a) opportunities to oversend different mpn and manufacturer approvals
 - b) no specific vendor required, specification based on technical parameters
 - mandatory parameters for resistors: package + value + power
 - mandatory parameters for capacitors: package + value + voltage + dielectric
 - c) mounting types are: SMT (SMD), THT or assembly
- DPN: do not place (no SMT or THT placement) - choose YES
- Cust. provided: part not to be purchased - will be delivered by customer - choose YES

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