BOM Beta LAYOUT GmbH

BetaLayout_BOM for BOM Document [Gate_Driver_Board_HB.BomDoc]

Source Data From: Gate_Driver_Board_HB.BomDoc
Project: Gate_Driver_Board_HB.PrjPcb
Variant: None

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Production Quantity: 1

Designator	Name	LibRef	Footprint	Description	Quantity	Place YES / NO	Provided by Customer YES / NO	Distributor	Ordernumber	Remarks Customer	Remarks Beta
C9, C10	C0603C101F5GACAUTO	C0603C101F5GACAUTO	C_SMD_0603_MD	Kemet, Cap Ceramic 100pF 50V C0G 1% Pad SMD 0603 125°C, AEC-Q200 qualified	2						
C11, C21, C22	CGA4J3X7	CGA4J3X7R1H	C_SMD_0805	TDK, Cap	3						
C12, C13, C19, C20, C23, C24, C33, C34, C43,	C0603C104	C0603C104K5	C_SMD_0603	Kemet, Cap	12						
C14, C15	C0603C220	C0603C220K5	C_SMD_0603	Kemet, Cap	2						
C16, C17, C18, C25, C26, C27, C36, C37, C38,	CGA6P3X7	CGA6P3X7S1H	C_SMD_1210	TDK, Cap	12						
D1	PMEG2020	PMEG2020EJ	Nexperia_SOD	Nexperia,	1						
D2, D3	SD101CW	SD101CWS-	SOD323	Vishay, Small	2						
D4, D5, D6, D7	PMEG2005	PMEG2005EG	Nexperia_SOD	Nexperia,	4						
D8, D17, D18	APT1608S	APT1608SGC	KB_LED_0603	Kingbright,	3						
D9, D10, D11, D12, D13, D14, D15, D16, D21	PMEG4010	PMEG4010BE	SOD323	Nexperia,	9						
D19, D20	BZX585-	BZX585-B15	NEXPERIA_S	Nexperia, Zener	2						
D22, D23	BZX585-	BZX585-B18	NEXPERIA_S	Nexperia, Zener	2						
D24, D25	BZX585-	BZX585-B20	NEXPERIA_S	Nexperia, Zener	2						
FD1, FD2, FD3, FD4	Passermar	FD Referenz	000 Referenz	Passermarke als	4						
L1	WE-	WE-744235801	WE-CNSW	Common Mode	1						
lay1	4layers	4layers	N4layers	Comment	1						
R6, R16	RG_Adapte	RG_Adapter	R_SMD_FTS-	RG_Adapter	2						
R7, R8	R_SMD_06	R_SMD_0603	R_SMD_0603	Resistor	2						
R9, R10, R13, R14	LTR18EZP	LTR18EZPF100	R_SMD_0612	Rohm, Res	4						
R11, R12, R20, R21	R_SMD_06	R_SMD_0603	R_SMD_0603	Resistor	4						
R15	R_SMD_06	R_SMD_0603	R_SMD_0603	Resistor	1						
R22, R23	R_SMD_06	R_SMD_0603	R_SMD_0603	Resistor	2						
R26, R27	R_SMD_06	R_SMD_0603	R_SMD_0603	Resistor	2						
T1, T2	WE-	WE-750343725	WE-	WE, Push-Pull	2						
TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9,	TP	TP1	TP1	SMD Test point	12						
TP13, TP14, TP17, TP18, TP19, TP20	TP	TP2	001	THT Test point	6						
U1, U2	74HC1G14	74HC1G14GV-	Nexperia_SOT	Nexperia,	2						
U3	SPX1117M	SPX1117M3-L-	Maxlinear-	Maxlinear,	1						
U4, U5	IXDN609SI	IXDN609SI	LITTELFUSE_I	Littelfuse-IXYS,	2						
U6, U7	1ED3124M	1ED3124MU12	IFX_!ED31XXM	Infineon, Isolated	2						
X1	PHOENIX_	PHOENIX_1755	PHOENIX_175	Phoenix Contact,	1						
X2, X3	Molex_733	Molex_7339100	MOLEX_73391	Molex, RF	2						
X4, X5, X7, X8	CLP-104-02	CLP-104-02-G-	SAMTEC-CLP-		4						
X6, X17	FTSH-103-	FTSH-103-01-L-	SAMTEC_FTS		2						