

Bill of Materials

DATALOGGER

Source Data From: DataLogger.PrjPcb
 Project: DataLogger.PrjPcb
 Variant: v 0.1

Creation Date: 2016-05-16 01:49:48
 Print Date: 16-May-16 2:15:07 AM
 Production Quantity: 1
 Currency: PLN

Footprint	Comment	LibRef	Designator	Description	Quantity	Supplier	Supplier Part Number	Supplier Order Qty	Supplier Subtotal	Manufacturer
Dsub-3H15	Dashboard connector	D-SUB 15	J1	Receptacle Assembly, 15-Pin, Sim Line Connector	1	TME	1-1734530-3	1	1	TE Connectivity
HDR_1x2_3_94_LOCKING	Power connector	Header 2	P1	Header, 2-Pin	1	TME	A3960WV-02P	10	10	Joint Tech
HDR_1x3_3_94_LOCKING	Emu connector	Header 3	P2	Header, 3-Pin	1	TME	A3960WV-03P	5	5	Joint Tech
HDR_1x4_3_94_LOCKING	CAN connector	Header 4	P3	Header, 4-Pin	1	TME	A3960WV-04P	5	5	Joint Tech
HDR_1x5_3_94_LOCKING	Steering wheel connector	Header 5	P4	Header, 5-Pin	1	TME	A3960WV-05P	5	5	Joint Tech
DISCOVERY_F4	STM32F4DISCOVERY	STM32F4DISCOVERY	P5	STM32F4DISCOVERY connector for shield	1			0	0	
HDR_1x6_3_94_LOCKING	Control leds connector	Header 6	P6	Header, 6-Pin	1	TME	A3960WV-06P	5	5	Joint Tech
693061010911	SD Card Connector	SD Card Connector	P7	WR-CRD SD_Push and Push	1	TME	SDP-09M-SG	1	1	Adam Tech
SOIC_8_IPC_MD	SN65HVD230D	SN65HVD230DR	U1	3.3V CAN Transceiver with Standby Mode, 17 mA, -40 to 85 degC, 8-pin SOIC (D), Green (RoHS & no Sb/Br)	1	TME	SN65HVD230D	1	1	Texas Instruments
SOIC_16_IPC_MD	CD74HC4052	CD74HC4052	U2	MUX/DEMUX	1	TME	CD74HC4052M	3	3	Texas Instruments
SOIC_16_IPC_MD	MAX232IDW	MAX232IDW	U4	Dual EIA-232 Driver / Receiver, -40 to 85 degC, 16-Pin SOIC (DW), Green (RoHS & no Sb/Br)	1	TME	MAX232IDW	3	3	Texas Instruments
CAP_SMD_D_IPC_MD	Cap Pol	Cap Pol	C6_U_PS1, C6_U_PS2	Polarized Capacitor (Axial)	2	TME	TPSD227K010R0050	1	2	AVX
IND_DL50_IPC_MD	Inductor	Inductor	L1_U_PS1, L1_U_PS2	Inductor	2	TME	DL50-15	1	2	Ferrocere
SOIC_8_THERMAL_PAD_IPC_MD	TPS5430	TPS5430	U3_U_PS1, U3_U_PS2	3-A, Wide Input Range, Step-Down Converter	2	TME	TPS5430DDAR	1	2	Texas Instruments
DO214AB_IPC_MD	SK33	SK33	D1, D2_U_PS1, D2_U_PS2	Schottky Diode	3	TME	SK33-DIO	5	5	Diotec
RES_0805_IPC_MD	Res	Res	R1	Resistor	1	TME	SMD0805-120R	100	100	Royal Ohm
RES_0805_IPC_MD	Res	Res	R2	Resistor	1	TME	SMD0805-0R	100	100	Royal Ohm
RES_0805_IPC_MD	Res	Res	R3, R4, R5, R6	Resistor	4	TME	SMD0805-680R	100	100	Royal Ohm
RES_0805_IPC_MD	Res	Res	R7_U_PS1, R7_U_PS2, R9, R10, R11, R12, R13	Resistor	7	TME	SMD0805-10K-1%	100	100	Royal Ohm
RES_0805_IPC_MD	Res	Res	R8_U_PS1	Resistor	1	TME	CRCW08055K90FKTABC	100	100	Vishay
RES_0805_IPC_MD	Res	Res	R8_U_PS2	Resistor	1	TME	SMD0805-3K3-1%	100	100	Royal Ohm
CAP_0805_IPC_MD	Cap	Cap	C1, C2, C3, C4, C5, C8_U_PS1, C8_U_PS2, C9_U_PS1, C9_U_PS2, C16	Capacitor	10	TME	CL21B104KBCNNNC	100	100	Samsung
CAP_0805_IPC_MD	Cap	Cap	C11, C12, C13, C14, C15, C17	Capacitor	6	TME	CL21B105KOFNNNF	100	100	Samsung
CAP_0805_IPC_MD	Cap	Cap	C7_U_PS1, C7_U_PS2, C8_U_PS1, C10	Capacitor	19	TME	CL21A106KQNNNF	100	100	Samsung

Approved	Notes	70