

Bill of Material Report

SYM_NAME	COMP_DEVICE_TYPE	COMP_VALUE	REFDES
IDC-2X4	XS 2X4 IDC-2X4 XS 2X4	XS 2x4	AUX-1
153CLV-0605	CAP POL 153CLV-0605 EEE-1VA101X	EEE-1VA101XP	C1
C0603	CAP NP C0603 100N/50V	100n/50V	C2
153CLV-0605	CAP POL 153CLV-0605 22UF	22uF	C3
C0603	CAP NP C0603 22P/35V	22p/35V	C4
C0603	CAP NP C0603 100N/35V	100n/35V	C5
C0603	CAP NP C0603 150PF/35V	150pF/35V	C6
153CLV-0405	CAP POL 153CLV-0405 UWX1C100MCL	UWX1C100MCL1GB	C7
153CLV-0405	CAP POL 153CLV-0405 UWX1C100MCL	UWX1C100MCL1GB	C8
153CLV-0405	CAP POL 153CLV-0405 UWX1C100MCL	UWX1C100MCL1GB	C9
C0603	CAP NP C0603 100N/50V	100n/50V	C10
C0603	CAP NP C0603 100N/50V	100n/50V	C11
C0603	CAP NP C0603 100N/50V	100n/50V	C12
C0603	CAP NP C0603 100N/50V	100n/50V	C13
C0603	CAP NP C0603 100N/50V	100n/50V	C14
C0603	CAP NP C0603 100N/50V	100n/50V	C15
C0603	CAP NP C0603 100N/50V	100n/50V	C16
C0603	CAP NP C0603 100N/50V	100n/50V	C17
C0603	CAP NP C0603 22P/35V	22p/35V	C18
C0603	CAP NP C0603 22P/35V	22p/35V	C19
C1206	CAP NP C1206 220N/35V	220n/35V	C20
C1206	CAP NP C1206 220N/35V	220n/35V	C21
153CLV-0605	CAP POL 153CLV-0605 RVT	RVT	C22
C0603	CAP NP C0603 100N/50V	100n/50V	C23
C0603	CAP NP C0603 100N/50V	100n/50V	C24
C0603	CAP NP C0603 100N/50V	100n/50V	C25
C0603	CAP NP C0603 100N/50V	100n/50V	C26
C1206	CAP NP C1206 220N/35V	220n/35V	C27
C1206	CAP NP C1206 220N/35V	220n/35V	C28
153CLV-0605	CAP POL 153CLV-0605 RVT	RVT	C29
C0603	CAP NP C0603 100N/50V	100n/50V	C30
C0603	CAP NP C0603 100N/50V	100n/50V	C31
C0603	CAP NP C0603 100N/50V	100n/50V	C32
C0603	CAP NP C0603 100N/50V	100n/50V	C33
C1206	CAP NP C1206 220N/35V	220n/35V	C34
C1206	CAP NP C1206 220N/35V	220n/35V	C35
153CLV-0605	CAP POL 153CLV-0605 RVT	RVT	C36
C0603	CAP NP C0603 100N/50V	100n/50V	C37
C0603	CAP NP C0603 100N/50V	100n/50V	C38
C0603	CAP NP C0603 100N/50V	100n/50V	C39
C0603	CAP NP C0603 100N/50V	100n/50V	C40
C1206	CAP NP C1206 220N/35V	220n/35V	C41
C1206	CAP NP C1206 220N/35V	220n/35V	C42
153CLV-0605	CAP POL 153CLV-0605 RVT	RVT	C43
C0603	CAP NP C0603 100N/50V	100n/50V	C44
C0603	CAP NP C0603 100N/50V	100n/50V	C45
C0603	CAP NP C0603 100N/50V	100n/50V	C46

C0603	CAP NP C0603 100N/50V	100n/50V	C47
C1206	CAP NP C1206 220N/35V	220n/35V	C48
C1206	CAP NP C1206 220N/35V	220n/35V	C49
153CLV-0605	CAP POL 153CLV-0605 RVT	RVT	C50
C0603	CAP NP C0603 100N/50V	100n/50V	C51
C0603	CAP NP C0603 100N/50V	100n/50V	C52
C0603	CAP NP C0603 100N/50V	100n/50V	C53
C0603	CAP NP C0603 100N/50V	100n/50V	C54
C0603	CAP NP C0603 100N/50V	100n/50V	C55
C0603	CAP NP C0603 100N/35V	100n/35V	C56
C0603	CAP NP C0603 100N/35V	100n/35V	C57
C0603	CAP NP C0603 100N/35V	100n/35V	C58
C0603	CAP NP C0603 100N/35V	100n/35V	C59
C0603	CAP NP C0603 100N/35V	100n/35V	C60
C0603	CAP NP C0603 100N/35V	100n/35V	C61
C0603	CAP NP C0603 100N/35V	100n/35V	C62
SOIC8E	MP1584EN SOIC8E MP1584EN	MP1584EN	D1
TQFP100	ATMEGA2560 MKS BASE TQFP100 ATM	ATMEG2560	D2
SSOP28	FT232RL SSOP28 FT232RL	FT232RL	D3
TSSOP-24	A4982 0 TSSOP-24 A4982SLPTR-T	A4982SLPTR-T	D5
TSSOP-24	A4982 0 TSSOP-24 A4982SLPTR-T	A4982SLPTR-T	D6
TSSOP-24	A4982 0 TSSOP-24 A4982SLPTR-T	A4982SLPTR-T	D7
TSSOP-24	A4982 0 TSSOP-24 A4982SLPTR-T	A4982SLPTR-T	D8
TSSOP-24	A4982 0 TSSOP-24 A4982SLPTR-T	A4982SLPTR-T	D9
SIP4 K	XS 1X4 SIP4 K 1-0401FBV0T	1-0401FBV0T	E0 MOT
SIP4 K	XS 1X4 SIP4 K 1-0401FBV0T	1-0401FBV0T	E1 MOT
IDC-2X5-K	XS 2X5 IDC-2X5-K 1-1002FBV0T	1-1002FBV0T	EXP1
IDC-2X5-K	XS 2X5 IDC-2X5-K 1-1002FBV0T	1-1002FBV0T	EXP2
FUSE	FUSE THERMAL FUSE 3413. 0332. 22	3413. 0332. 22	F1
L1812	FUSE THERMAL L1812 1812L100PR	1812L100PR	F2
FUSE	FUSE THERMAL FUSE 3413. 0329. 22	3413. 0329. 22	F3
L1812	FUSE THERMAL L1812 1812L050PR	1812L050PR	F4
ICSP	XS 2X3 ICSP XS 2X3	XS 2x3	ICSP
FIL	FIL FIL FIL	FIL	K1
FIL	FIL FIL FIL	FIL	K2
FIL	FIL FIL FIL	FIL	K3
TS42	KEY-5 TS42 KEY-5	KEY-5	KP
LED0805	LED LED0805 LTST-C170GKT	LTST-C170GKT	L
D03316P L	BLM21PG221SN1 D03316P L 150UH3A	150uH3A	L1
L0805	BLM21PG221SN1 L0805 BLM21PG221S	BLM21PG221SN1D	L3
XH254-2P	XS 1X2 XH254-2P XS254-2P	XS254-2P	PW1
XH254-2P	XS 1X2 XH254-2P XS254-2P	XS254-2P	PW2
LED0805	LED LED0805 LTST-C170GKT	LTST-C170GKT	PWR
DPAK	MFE825 DPAK IRLR7843PBF	IRLR7843PBF	Q1
DPAK	MFE825 DPAK IRLR7843PBF	IRLR7843PBF	Q2
DPAK	MFE825 DPAK IRLR7843PBF	IRLR7843PBF	Q3
D2PAK	MFE825 D2PAK IRLS3034PBF	IRLS3034PBF	Q4
R0603	R R0603 10K	10K	R1
R0603	R R0603 100K	100K	R2
R0603	R R0603 1K	1K	R3
R0603	R R0603 24. 9K	24. 9K	R4

R0603	R R0603 100K	100K	R5
R0603	R R0603 1K	1K	R6
R0603	R R0603 1M	1M	R7
R0603	R R0603 10K	10K	R8
R0603	R R0603 100K	100K	R9
R0603	R R0603 12K	12K	R10
R0603	R R0603 6.8K	6.8K	R11
R0603	R R0603 12K	12K	R12
R0603	R R0603 6.8K	6.8K	R13
R0603	R R0603 12K	12K	R14
R0603	R R0603 6.8K	6.8K	R15
R0603	R R0603 12K	12K	R16
R0603	R R0603 6.8K	6.8K	R17
R0603	R R0603 12K	12K	R18
R0603	R R0603 6.8K	6.8K	R19
R0603	R R0603 22	22	R20
R0603	R R0603 22	22	R21
R0603	R R0603 4.7K	4.7K	R22
R0603	R R0603 1K	1K	R23
R0603	R R0603 1K	1K	R24
R0603	R R0603 10K	10K	R25
R0603	R R0603 100	100	R26
R0603	R R0603 100	100	R27
R0603	R R0603 100K	100K	R28
R0603	R R0603 40.2K	40.2K	R29
R0603	R R0603 210K	210K	R30
R0603	R R0603 10	10	R31
RNC-8	RN-4 RNC-8 RCMT08W101JT	RCMT08W101JT	RN0
RNC-8	RN-4 RNC-8 RCMT08W472JT	RCMT08W472JT	RN1
RNC-8	RN-4 RNC-8 RCMT08W102JT	RCMT08W102JT	RN2
RNC-8	RN-4 RNC-8 RCMT08W472JT	RCMT08W472JT	RN3
RNC-8	RN-4 RNC-8 RCMT08W100JT	RCMT08W100JT	RN4
RNC-8	RN-4 RNC-8 RCMT08W104JT	RCMT08W104JT	RN5
RNC-8	RN-4 RNC-8 RCMT08W103JT	RCMT08W103JT	RN6
RNC-8	RN-4 RNC-8 RCMT08W103JT	RCMT08W103JT	RN7
RNC-8	RN-4 RNC-8 RCMT08W103JT	RCMT08W103JT	RN8
RNC-8	RN-4 RNC-8 RCMT08W103JT	RCMT08W103JT	RN9
RNC-8	RN-4 RNC-8 RCMT08W103JT	RCMT08W103JT	RN10
RNC-8	RN-4 RNC-8 RCMT08W472JT	RCMT08W472JT	RN12
RNC-8	RN-4 RNC-8 RCMT08W102JT	RCMT08W102JT	RN13
RV-3	RESISTOR VAR RV-3 10KP	10kp	RP1
RV-3	RESISTOR VAR RV-3 10KP	10kp	RP2
RV-3	RESISTOR VAR RV-3 10KP	10kp	RP3
RV-3	RESISTOR VAR RV-3 10KP	10kp	RP4
RV-3	RESISTOR VAR RV-3 10KP	10kp	RP5
R1210	R R1210 0.1	0.1	RS1
R1210	R R1210 0.1	0.1	RS2
R1210	R R1210 0.1	0.1	RS3
R1210	R R1210 0.1	0.1	RS4
R1210	R R1210 0.1	0.1	RS5
R1210	R R1210 0.1	0.1	RS6

R1210	R R1210 0.1	0.1	RS7
R1210	R R1210 0.1	0.1	RS8
R1210	R R1210 0.1	0.1	RS9
R1210	R R1210 0.1	0.1	RS10
LED0805	LED LED0805 LTST-C170GKT	LTST-C170GKT	RX
XS2X3	XS 2X3 XS2X3 XS 2X3	XS 2x3	SERVOS
SOT-23	MFE825 SOT-23_FDN340P	FDN340P	T1
XH254-2P	XS 1X2 XH254-2P XS254-2P	XS254-2P	TH1
XH254-2P	XS 1X2 XH254-2P XS254-2P	XS254-2P	TH2
XH254-2P	XS 1X2 XH254-2P XS254-2P	XS254-2P	TH3
LED0805	LED LED0805 LTST-C170GKT	LTST-C170GKT	TX
SMB	DIODE SMB S1G-13-F	S1G-13-F	V1
D-SMA	DIODE D-SMA B340A-13-F	B340A-13-F	V2
SMB	DIODE SMB S1A-13-F	S1A-13-F	V3
LED0805	LED LED0805 LTST-C170GKT	LTST-C170GKT	V4
LED0805	LED LED0805 LTST-C170GKT	LTST-C170GKT	V5
LED0805	LED LED0805 LTST-C170GKT	LTST-C170GKT	V6
LED0805	LED LED0805 LTST-C170GKT	LTST-C170GKT	V7
ZMM	DIODE ZMM ZMM6V2	ZMM6V2	V8
SIP3 K	XS 1X3 SIP3 K 1-0602FBV0T	1-0602FBV0T	X+
SIP3 K	XS 1X3 SIP3 K 1-0602FBV0T	1-0602FBV0T	X-
MSTBA20	XS 1X2 MSTBA20 1-0201FBV0T	1-0201FBV0T	XS1
USB-A	XS USB USB-A UBFD104-11W-01	UBFD104-11W-01	XS2
XS2X3	XS 2X3 XS2X3 XS 2X3	XS 2x3	XS3
KSTBA0-6	XS 1X6 KSTBA0-6 WJ128R-04	WJ128R-04	XS4
KSTBA0-2	XS 1X2 KSTBA0-2 WJ128R-02	WJ128R-02	XS5
SIP4 K	XS 1X4 SIP4 K 1-0401FBV0T	1-0401FBV0T	X MOT
49US	ZTA 2 49US 16M	16M	Y1
SIP3 K	XS 1X3 SIP3 K 1-0602FBV0T	1-0602FBV0T	Y+
SIP3 K	XS 1X3 SIP3 K 1-0602FBV0T	1-0602FBV0T	Y-
SIP4 K	XS 1X4 SIP4 K 1-0401FBV0T	1-0401FBV0T	Y MOT
Z0603	R2 Z0603 CG0603MLC-05E	CG0603MLC-05E	Z1
Z0603	R2 Z0603 CG0603MLC-05E	CG0603MLC-05E	Z2
Z0603	R2 Z0603 CG0603MLC-05E	CG0603MLC-05E	Z3
SIP3 K	XS 1X3 SIP3 K 1-0602FBV0T	1-0602FBV0T	Z+
SIP3 K	XS 1X3 SIP3 K 1-0602FBV0T	1-0602FBV0T	Z-
SIP4 K	XS 1X4 SIP4 K 1-0401FBV0T	1-0401FBV0T	Z MOT