VGA BOM

Designator	Description	Manufacturer	Manufacturer Part Number	Supplier	Supplier Part Number	Quantity	DNP
C1-C2	CAP CER 10UF 6.3V X5R 0603	Murata Electronics North America	GRM188R60J106ME47J	Digi-Key	490-6405-1-ND	2	
C3,C5-C7	CAP CER 0.1UF 16V Y5V 0603	Samsung Electro-Mechanics	CL10F104ZO8NNNC	Digi-Key	1276-1258-1-ND	4	
C4	CAP CER 1UF 16V X7R 0603	Samsung Electro-Mechanics	CL10B105MO8NNWC	Digi-Key	1276-6524-1-ND	1	
D1	LED RED CLEAR 1005 SMD	Stanley Electric Co	FHR1105P-TR	Digi-Key	404-1211-1-ND	1	
D2	LED YELLOW/GREEN CLEAR 1005 SMD	Stanley Electric Co	FHD1105P-TR	Digi-Key	404-1208-1-ND	1	
J1	CONN DSUB HD RCPT 15POS R/A SLDR	Assmann	AHDF15A-KG-TAXB	Digi-Key	732-5317-ND	1	
J2	CONN HEADER VERT 4POS 2.54MM	Sullins Connector Solutions	PREC004SAAN-RC	Digi-Key	S1012EC-04-ND	1	
J3	CONN HEADER VERT 5POS 2.54MM	Sullins Connector Solutions	PREC005SAAN-RC	Digi-Key	S1012EC-05-ND	1	
LS1	AUDIO PIEZO TRANSDUCER 30V TH	TDK	PS1240P02BT	Digi-Key	445-2525-1-ND	1	
R1,R4-R5,R10-R11	RES SMD 240 OHM 5% 1/10W 0603	Panasonic Electronic Components	ERJ-3GEYJ241V	Digi-Key	P240GCT-ND	5	
R12	RES SMD 10K OHM 5% 1/10W 0603	Panasonic Electronic Components	ERJ-3GEYJ103V	Digi-Key	P10KGCT-ND	1	
R13	RES SMD 1K OHM 5% 1/10W 0603	Panasonic Electronic Components	ERJ-3GEYJ102V	Digi-Key	P1.0KGCT-ND	1	
R14	RES SMD 330 OHM 5% 1/10W 0603	Panasonic Electronic Components	ERJ-3GEYJ331V	Digi-Key	P330GCT-ND	1	
R7-R9,R15-R17	RES SMD 130 OHM 1% 1/10W 0603	Panasonic Electronic Components	ERJ-3EKF1300V	Digi-Key	P130HCT-ND	6	
R18	RES SMD 10K OHM 5% 1/10W 0603	Panasonic Electronic Components	ERJ-3GEYJ103V	Digi-Key	P10KGCT-ND	1	
R19	RES SMD 10K OHM 5% 1/10W 0603	Panasonic Electronic Components	ERJ-3GEYJ103V	Digi-Key	P10KGCT-ND	1	*
R2-R3,R6	RES SMD 510 OHM 5% 1/10W 0603	Panasonic Electronic Components	ERJ-3GEYJ511V	Digi-Key	P510GCT-ND	3	
S1	SWITCH TACTILE SPST-NO 0.05A 12V	ESWITCH	TL3365AF180QG	Digi-Key	EG5384CT-ND	1	
U1	IC MCU 32BIT 32KB ROM 44LQFP	Parallax	P8X32A-Q44	Digi-Key	P8X32A-Q44-ND	1	
U2	IC REG LINEAR 3.3V 250MA SOT23-3	Microchip	MCP1700T-3302E/TT	Digi-Key	MCP1700T3302ETTCT-ND	1	
U3	IC EEPROM 256K I2C 400KHZ 8MSOP	Microchip	24LC256-I/MS	Digi-Key	24LC256T-I/MSCT-ND	1	
Y1	CRYSTAL 5.0000MHZ 20PF SMD	ECS International	ECS-50-20-5PX-TR	Digi-Key	XC1265CT-ND	1	

Comment