



Title		
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Comment	Description	Designator	Footprint	LibRef	Quantity
		C1, C19, C20, C21, C22, C23, C24, C25, C27, C28, C32, C34, C35, C37, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C54, C56, C57, C58, C59, C60, C62, C64, C65, C66, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C85, C87, C88, C89, C90			
GRM155R71C104KA88D	CAP CER 0.1UF 16V X7R 0402		0402C_M	GRM155R71C104KA88D	57
GRM155R71H103KA88D	CAP CER 0.01uf 50V X7R 0402	C2, C36, C38, C53, C55, C61, C63, C67, C86	0402C_M	GRM155R71H103KA88D	9
TMK31687106KL.TD	CAP CER 1206 10uf 25V X7R 10%	C3, C8	1206_1 6_M	TMK31687106KL.TD	2
GRM188R60106ME47D	CAP CER 10UF 6.3V X8R 0603	C4, C9, C10, C18, C31, C33, C52, C84	0603C_M	GRM188R60106ME47D	8
GRM188R61A105KA1D	CAP CER 1UF 10V X8R 0603	C6, C7, C11, C12, C13, C14, C15, C16, C17, C26	0603C_M	GRM188R61A105KA1D	10
GRM1555C1H270A01D	Cap Ceramic 27pF 50V C0G 5% SMD 0402 125C 1% 400 W Peak Power Zener Transient Voltage Suppressor, Unidirectional, 2-Pin SMD, Tape and Reel	C29, C30	0402C_M	GRM1555C1H270A01D	2
PS5MB20AT3		D1	ONSC-SMB-2-403A-03_LV	CMP-1061-00394-1	1
0603SFV350F/32-2	FUSE 0403 3.5A FAST	F1	0603R_0 45_M	0603SFV350F/32-2	1
Jetson TX1	Nvidia computing module	J1	Nvidia Jetson TX1	NVIDIA_Jetson_TX1	1
SM05B-GH5-TB(LFJ5N)	CONN HEADER GH SIDE 4POS 1.25MM	J2	SM05B-GH5-TB	SM05B-GH5-TB(LFJ5N)	1
52745-2097	CONN FFC TOP 20POS 0.50MM R/A	J3	52745-2097	0527452097	1
USLD0-30L-C	CONN MICRO 50 CARD PUSH-PUSH R/A	J4	USLD0-30L-C	USLD0-30L-C	1
DM3AT-SF-PEJMS	CONN FFC TOP 12POS 0.50MM R/A	J5	DM3AT-SF-PEJMS	DM3AT-SF-PEJMS	1
0527451297	CONN HEADER GH SIDE 4POS 1.25MM	J6	52745-1297	0527451297	1
SM06B-GH5-TB	CONN HEADER GH SIDE 4POS 1.25MM	J7	SM06B-GH5-TB	SM06B-GH5-TB(LFJ5N)	1
SM04B-GH5-TB	CONN HEADER GH SIDE 4POS 1.25MM	J8, J11	SM04B-GH5-TB	SM04B-GH5-TB(LFJ5N)	2
SM06B-SR55-TB(LFJ5N)	CONN HEADER SH 4POS SIDE 1MM 10V Micro DSB 8 Receptacle with Flange, -30 to 85 degC, 5-Pin SMD, RoHS, Tape and Reel	J12	SM06B-SR55-TB	SM06B-SR55-TB(LFJ5N)	1
47346-0001	Fixed Inductors Power Inductor 2.2 uH 20 % 8 A	J13	MOLX-47346-0001-5_V	CMP-2000-05246-1	1
XFL4020-222MEC	Learn More	L1	XFL4020_M	XFL4020-222MEC	1
SO1922E8H-T1_GE3	DUAL N-CHANNEL 20-V (D-S) 175C M	Q1, Q2, Q3	SOT236_M	SO1922E8H-T1_GE3	3
CRCW0402100KJNE	RES SMD 100K OHM 5% 1/16W 0402	R1, R3, R6, R10, R15, R17, R23, R48, R50, R55, R56, R69	0402R_M	CRCW0402100KJNE	12
Generic resistor		R2, R4, R7, R36, R68, R90	0402R_M	Resistor	6
CRCW040225K5FKE	RES SMD 25.5K OHM 1% 1/16W 0402	R5, R16	0402R_M	CRCW040225K5FKE	2
CRCW040210K0FKE	RES SMD 10K OHM 1% 1/16W 0402	R8, R12, R18, R19, R20, R24, R25, R33, R34, R35, R51, R52	0402R_M	CRCW040210K0FKE	12
CRCW040251K0FKE	RES SMD 51K OHM 1% 1/16W 0402	R9	0402R_M	CRCW040251K0FKE	1
CRCW0402210K0FKE	RES SMD 210K OHM 1% 1/16W 0402	R11, R53	0402R_M	CRCW0402210K0FKE	2
CRCW040240K2FKE	RES SMD 40.2K OHM 1% 1/16W 0402	R13	0402R_M	CRCW040240K2FKE	1
CRCW040221K0FKE	RES SMD 21K OHM 1% 1/16W 0402	R14, R54	0402R_M	CRCW040221K0FKE	2
CRCW040220K5FKE	RES SMD 20.5K OHM 1% 1/16W 0402	R21	0402R_M	CRCW040220K5FKE	1
CRCW040231K6FKE	RES SMD 31.4K OHM 1% 1/16W 0402	R22	0402R_M	CRCW040231K6FKE	1
CRCW0402100RKEE	RES SMD 100 OHM 1% 1/16W 0402	R26, R27, R28, R29, R30	0402R_M	CRCW0402100RKEE	5
CRCW040222R0JNE	RES SMD 22 OHM 5% 1/16W 0402	R31, R32, R42, R43, R44, R45, R46, R47, R57, R58, R59, R60	0402R_M	CRCW040222R0JNE	12
CRCW040210R0FKE	RES SMD 10 OHM 1% 1/16W 0402	R37, R38, R39, R40, R41	0402R_M	CRCW040210R0FKE	5
CRCW0603120RJNEB	RES 0603 120R 5% 100mW	R61, R62, R63, R64, R65	0603R_0 45_M	CRCW0603120RJNEB	5
CRCW040249R9FKE	RES SMD 49.9 OHM 1% 1/16W 0402	R66, R67, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R95, R96, R99, R100, R103, R104, R107, R108, R109, R110	0402R_M	CRCW040249R9FKE	22
CRCW0402330R0FKE	RES SMD 330 OHM 1% 1/16W 0402	R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R91, R92, R93, R94, R97, R98, R101, R102, R105, R106	0402R_M	CRCW0402330R0FKE	20
MIC2004-0.8VMS	IC DISTRIBUTION SW 0.8A SOT23-5	U1, U14	SOT23_M5_L	MIC2004-0.8VMS	2
LD1117533CTR	IC REG LDO 1.3V 0.8A SOT23	U2	SOT-223_L	LD1117533CTR	1
LD39100PUR	1 A Low Quiescent Current Low Noise Voltage Regulator, Adjustable from 0.8V, 6-Pin VDFPN, Tape and Reel	U3, U5, U6, U7	DFN6D_M	CMP-0244-00287-1	4
TPS62130	IC REG BUCK ADJ 3A SYNC 162FN	U4	VOFN1_1 6_L	TPS62130RGT	1
THC63LVD104C	IC DESERIALIZER SINGL LVDS 64TQFP	U8	THC_LQFP64_L	THC63LVD104C	1
MIC2004-0.8VMS	IC DISTRIBUTION SW 0.8A SOT23-5	U9	SOT23_M5_M	MIC2004-0.8VMS	1
TXS0108ERGVR	IC XLATR VOLT-LVL BB 8DIR 20CFN	U10	VCFN20	TXS0108ERGVR	1
STM32F105RCT		U11	LQFP64_LD	STM32F105RCT	1
SN65HVD232	IC 3.3V CAN TXRX 8-SOIC	U12, U13	SOIC8_L	SN65HVD232CDBQ1	2
LCM002-4009HC-68G254C	MAX9202 High Performance CPLD with 4320 LUTs, Voltage Regulator, 2.5V/3.3V, 256-pin ballGA, Speed Grade-6, Commercial Grade, Halogen Free (RoHS)	U15, U16	caBGA256	CMP-0111-00181-1	2
HX0068ANL	10 / 100 PC Card LAN Magnetic Module, -40 to 85 degC, 12-Pin SMD, RoHS, Tube	U17	PULS-HX0068ANL_V	CMP-2000-06430-1	1
CRY5 16MHz 9pF	Crystal 16MHz 10ppm 9pF -20C +75C	X1	TSX-3225_H	TSX-3225 16.0000MHz 092 AC3	1
CB3LV-3C-50M0000	OSC XO 50.000MHZ HCMX	X2	CB3LV-3C-50M0000	CB3LV-3C-50M0000	1