

Component	Description	Designator	Quantity
CAP-10nF-50V-10%-0201	Ceramic Capacitor X5R >= 10V	C5	1
CAP-100nF-16V-5%-0402	Ceramic Capacitor X7R >= 16V	C12	1
CAP-10uF-10V-20%-0402	Ceramic Capacitor X5R >= 10V	C14,C26,C27,C28,C29,C41,C51	7
CAP-1uF-10V-10%-0402	Ceramic Capacitor X5R >= 10V	C15,C16,C17,C18,C23,C24,C42	7
CAP-4.7uF-10V-10%-0402	Ceramic Capacitor X5R >= 10V	C22	1
CAP-100nF-35V-10%-0201	Ceramic Capacitor X5R >= 10V	C30,C31,C38,C39,C40	5
CAP-1nF-25V-10%-0201	Ceramic Capacitor X5R >= 25V	C32	1
CAP-150pF-25V-10%-0201	Ceramic Capacitor NP0 >= 25V	C34,C35	2
CAP-220pF-25V-10%-0201	Ceramic Capacitor NP0 >= 25V	C36,C37	2
CAP-100nF-16V-10%-0402	Ceramic Capacitor X7R >= 16V	C43,C44,C46,C47,C53,C54,C55	7
CAP-15pF-50V-10%-0402	Ceramic Capacitor NP0 >= 50V	C49,C50	2
LED GREEN/0201	XZVGR155W_Green	D2,D4,D5,D6	4
BAS3010A	DIODE SCHOTTKY	D7	1
CONNECTORS MALE PIN	9pos_TH 2.54 RIGHT ANGLE	J3	1

Component	Description	Designator	Quantity
ZX62-AB-5PA	ZX62-AB-5PA	J1	1
FTSH-105-01-L-DV-K	5pos_TH	J2	1
BLM18P 60 Ohm	FERRITE	L3	1
IRLHS2242	MOSFET P CH	Q1,Q2	2
RES-10R-1/20W-1%-0201	RESISTOR	R2,R12,R13,R21,R38,R39,R40,R45,R49,R111	10
RES-10K-1/20W -1%-0201	RESISTOR	R18,R20,R23,R25,R26,R27,R35,R36,R50,R51,R112,R114	12
RES-100K-1/20W -1%-0201	RESISTOR	R22,R32	2
RES-390K-1/20W -1%-0201	RESISTOR	R24,R33	2
RES-15K-1/20W -1%-0201	RESISTOR	R28	1
RES-1K-1/20W -1%-0201	RESISTOR	R29,R46,R47,R48,R100	5
RES-0R-0201	RESISTOR	R41,R42,R43,R44,R109,R113	6
RES-1M-1/20W -1%-0402	RESISTOR	R98	1
RES-0R-0402	RESISTOR	R99	1
RES-10K-1/20W -1%-0402	RESISTOR	R102	1
RES-510-1/20W -1%-0402	RESISTOR	R103	1

Component	Description	Designator	Quantity
RES-100-1/20W -1%-0402	RESISTOR	R104,R105,R106	3
RES-33-1/20W -1%-0402	RESISTOR	R107,R108	2
EDS8VOL2B	DIODE	TS1	1
BGT24LTR11N16	BGT24LTR11N16	U1	1
XMC1302	UP	U2	1
OPA2376	OPERATIONAL AMPLIFIER	U3,U4,U6	3
TLV71133	VOLTAGE REGULATOR	U5	1
NX3225SA_12MHz	OSCILLATOR	U10	1
IFX54211MB_V33	VOLTAGE REGULATOR	U11	1
XMC4200Q48K256AB XUMA1	UP	U12	1