

Designator	Comment	Description	Footprint	Magazzino	Manufacturer
C1	100n	Ceramic Capacitor	0603	Not Available	Not Available
C2	330n	Ceramic Capacitor	1206	Not Available	Not Available
C3	15n	Ceramic Capacitor	1206	Not Available	Not Available
C4	22u-35V	Tantalum Electrolytic	E	Not Available	Not Available
C5	22u-35V	Tantalum Electrolytic	E	Not Available	Not Available
C6	100n	Ceramic Capacitor	0603	Not Available	Not Available
C7	100n	Ceramic Capacitor	0603	Not Available	Not Available
C8	470u-6.3V	Tantalum Electrolytic	D	Not Available	Not Available
C9	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C10	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C11	10u-10V	Tantalum Electrolytic	B	Not Available	Not Available
C12	100n	Ceramic Capacitor	0603	Not Available	Not Available
C13	330n	Ceramic Capacitor	0603	Not Available	Not Available
C14	N.M.	Ceramic Capacitor	0603	Not Available	Not Available
C15	47n	Ceramic Capacitor	0603	Not Available	Not Available
C16	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C17	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C18	47n	Ceramic Capacitor	0603	Not Available	Not Available
C19	47n	Ceramic Capacitor	0603	Not Available	Not Available
C20	Not Mount	Thin layer, high capac	1210	Not Available	MuRata
C21	680u-6V	Tantalum Electrolytic	E	Not Available	Not Available
C22	47n	Ceramic Capacitor	0603	Not Available	Not Available
C23	4n7	Ceramic Capacitor	0603	Not Available	Not Available
C24	47n	Ceramic Capacitor	0603	Not Available	Not Available
C25	100n	Ceramic Capacitor	0603	Not Available	Not Available
C28	2n2	Ceramic Capacitor	0603	Not Available	Not Available
C29	Not Mount	Ceramic Capacitor	0603	Not Available	Not Available
C30	Not Mount	Tantalum Electrolytic	D	Not Available	Not Available
C31	Not Mount	Thin layer, high capac	1210	Not Available	MuRata
C32	Not Mount		1210	Not Available	murata
C33	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C34	Not Mount	Tantalum Electrolytic	E	Not Available	Not Available
C35	Not Mount	Low ESR Tantalum c	E	Not Available	Epcos
C36	Not Mount	Ceramic Capacitor	1206	Not Available	Not Available
C37	Not Mount	Ceramic Capacitor	0603	Not Available	Not Available
C38	Not Mount	Ceramic Capacitor	0603	Not Available	Not Available
C39	Not Mount	Ceramic Capacitor	0603	Not Available	Not Available
C47	22u-35V	Tantalum Electrolytic	D	Not Available	Not Available
C48	22u-35V	Tantalum Electrolytic	D	Not Available	Not Available
C49	1u-25V	Ceramic Capacitor	1206	Not Available	Not Available
C50	22u-35V	Tantalum Electrolytic	D	Not Available	Not Available
C51	1u-25V	Ceramic Capacitor	1206	Not Available	Not Available
C52	22u-35V	Tantalum Electrolytic	D	Not Available	Not Available
C53	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C54	220n	Ceramic Capacitor	0603	Not Available	Not Available
C70	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C71	100n	Ceramic Capacitor	0603	Not Available	Not Available
C93	100n	Ceramic Capacitor	0603	Not Available	Not Available
C94	47n	Ceramic Capacitor	0603	Not Available	Not Available
C95	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C96	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata

C101	Not Mount	Thin layer, high capac	1210	Not Available	MuRata
C102	100n	Ceramic Capacitor	0603	Not Available	Not Available
C161	100n	Ceramic Capacitor	0603	Not Available	Not Available
C162	100n	Ceramic Capacitor	0603	Not Available	Not Available
C167	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C170	Not Mount	Thin layer, high capac	1210	Not Available	MuRata
C179	47n	Ceramic Capacitor	0603	Not Available	Not Available
C182	100u-6.3V	Thin layer, high capac	1210	Not Available	MuRata
C186	4n7	Ceramic Capacitor	0603	Not Available	Not Available
C215	680u-6V	Tantalum Electrolytic	E	Not Available	Not Available
C216	680u-6V	Tantalum Electrolytic	E	Not Available	Not Available
C218	470uF	Tantalum Electrolytic	E	Not Available	Not Available
C429	Not Mount	Ceramic Capacitor	1206	Not Available	Not Available
C430	Not Mount	Ceramic Capacitor	0603	Not Available	Not Available
C431	Not Mount	Tantalum Electrolytic	D	Not Available	Not Available
C446	100n	Ceramic Capacitor	0603	Not Available	Not Available
C447	100n	Ceramic Capacitor	0603	Not Available	Not Available
C448	10u-35V	Tantalum Electrolytic	D	Not Available	Not Available
C449	100u-16V_LowESR	Tantalum Electrolytic	D	Not Available	Not Available
D2	MBRS360T3	Ultra Fast Recovery F	DIODE403-03	Not Available	Motorola
D3	1PS76SB	Diode Schottky	SOD323	Not Available	Philips
D4	Not Mount	High Speed Diode	SOD323	Not Available	BAS316
D22	LED_SMD_GREEN	Light Emitter Diode S	DIODESMD	Not Available	Agilent Technologies
D23	LED_SMD_GREEN	Light Emitter Diode S	DIODESMD	Not Available	Agilent Technologies
D24	LED_SMD_GREEN	Light Emitter Diode S	DIODESMD	Not Available	Agilent Technologies
D25	MBRS360T3	Ultra Fast Recovery F	DIODE403-03	Not Available	Motorola
D26	MBRS360T3	Ultra Fast Recovery F	DIODE403-03	Not Available	Motorola
D27	MBR130T1	Surface Mount 1A 30	SOD-123	Not Available	ON Semiconductor
D28	LED_SMD_GREEN	Light Emitter Diode S	DIODESMD	Not Available	Agilent Technologies
D29	LED_SMD_GREEN	Light Emitter Diode S	DIODESMD	Not Available	Agilent Technologies
D30	Not Mount	Light Emitter Diode S	DIODESMD	Not Available	Agilent Technologies
D31	LED_SMD_GREEN	Light Emitter Diode S	DIODESMD	Not Available	Agilent Technologies
D38	Not Mount	Light Emitter Diode S	DIODESMD	Not Available	Agilent Technologies
D39	LED_SMD_GREEN	Light Emitter Diode S	DIODESMD	Not Available	Agilent Technologies
D40	Not Mount	Ultra Fast Recovery F	DIODE403-03	Not Available	Motorola
D42	Not Mount	Ultra Fast Recovery F	DIODE403-03	Not Available	Motorola
D43	Not Mount	Ultra Fast Recovery F	DIODE403-03	Not Available	Motorola
Dz1	Not Mount	Surface Mount Zener	DO-214	Not Available	VISHAY
Dz2	Not Mount	12V 1.5W Plastic Sur	403D	Not Available	ON Semiconductor
JP1	HEADER_4X1	jumper 4-pin singola f	SIP4	Not Available	Not Available
JP3	Header 25X2	jumper 25X2 F 90°	HEADER-25x2-FEMA		
L1	10uH	Induttore Serie	DS5022_IND	Not Available	Coilcraft
L2	Not Mount	Uni-Pack SMD power	UP4B	Not Available	Coiltronics
L3	Not Mount	Surface Mount DC-DC	DT3316	Not Available	Coilcraft
L4	Not Mount	Surface Mount DC-DC	DT3316	Not Available	Coilcraft
L5	47uH	Surface Mount DC-DC	DT1608	Not Available	Coilcraft
L6	47uH	Surface Mount DC-DC	DT1608	Not Available	Coilcraft
L7	10uH	Induttore Serie	DT3316	Not Available	Coilcraft
L8	Not Mount	Surface Mount DC-DC	DT1608	Not Available	Coilcraft
L9	10uH	Induttore Serie	DT3316	Not Available	Coilcraft
L12	Not Mount	Surface Mount DC-DC	DT1608	Not Available	Coilcraft
L33	Not Mount	Induttore Serie	DT3316	Not Available	Coilcraft

L34	33uH	Surface Mount DC-DC	DT1608	Not Available	Coilcraft
L35	22uH	Induttore Serie	DT3316	Not Available	Coilcraft
L36	Not Mount	Surface Mount DC-DC	DT1608	Not Available	Coilcraft
Q1	Si4310BDY	Dual N-Channel 30-V	SO-14	Not Available	Vishay Siliconix
Q5	Not Mount	NPN General Purpose	SOT-23	Not Available	Philips
Q10	SI4410DY	HEXFET N-Channel F	SO8	Not Available	International Rectifier
Q11	SI4410DY	HEXFET N-Channel F	SO8	Not Available	International Rectifier
Q14	BC817-16	NPN General Purpose	SOT-23	Not Available	Philips
Q15	BC817-16	NPN General Purpose	SOT-23	Not Available	Philips
R1	10K	Resistor	0603	Not Available	Not Available
R2	4.7	Resistor	0603	Not Available	Not Available
R3	100K	Resistor	0603	Not Available	Not Available
R4	10K	Resistor	0603	Not Available	Not Available
R5	Not Mount	Resistor	0603	Not Available	Not Available
R6	10K	Resistor	0603	Not Available	Not Available
R7	220	Resistor	0603	Not Available	Not Available
R8	10K	Resistor	0603	Not Available	Not Available
R9	2K7	Resistor	0603	Not Available	Not Available
R10	220	Resistor	0603	Not Available	Not Available
R11	220	Resistor	0603	Not Available	Not Available
R12	Not Mount	Resistor	0603	Not Available	Not Available
R13	1K8	Resistor	0603	Not Available	Not Available
R14	Not Mount	Resistor	0603	Not Available	Not Available
R17	0	Resistor	0603	Not Available	Not Available
R18	Not Mount	Resistor	0603	Not Available	Not Available
R39	2K2	Resistor	0603	Not Available	Not Available
R40	Not Mount	Resistor	0603	Not Available	Not Available
R41	Not Mount	Resistor	0603	Not Available	Not Available
R42	51K	Resistor	0603	Not Available	Not Available
R43	150	Resistor	0603	Not Available	Not Available
R44	1K	Resistor	0603	Not Available	Not Available
R45	0	Resistor	0603	Not Available	Not Available
R50	6K8	Resistor	0603	Not Available	Not Available
R51	6K8	Resistor	0603	Not Available	Not Available
R52	Not Mount	Resistor	0603	Not Available	Not Available
R53	Not Mount	Resistor	0603	Not Available	Not Available
R54	Not Mount	Resistor	0603	Not Available	Not Available
R55	Not Mount	Resistor	0603	Not Available	Not Available
R56	Not Mount	Resistor	0603	Not Available	Not Available
R57	Not Mount	Resistor	0603	Not Available	Not Available
R58	680	Resistor	0603	Not Available	Not Available
R59	680	Resistor	0603	Not Available	Not Available
R60	270	Resistor	0603	Not Available	Not Available
R61	680	Resistor	0603	Not Available	Not Available
R62	1K5	Resistor	0603	Not Available	Not Available
R63	Not Mount	Resistor	0603	Not Available	Not Available
R64	12K	Resistor	0603	Not Available	Not Available
R65	10K	Resistor	0603	Not Available	Not Available
R66	10K	Resistor	0603	Not Available	Not Available
R71	Not Mount	Resistor	0603	Not Available	Not Available
R72	0	Resistor	1206	Not Available	Not Available
R73	Not Mount	Resistor	1206	Not Available	Not Available

R74	Not Mount	Resistor	0603	Not Available	Not Available
R75	1K	Resistor	0603	Not Available	Not Available
R76	Not Mount	Resistor	0603	Not Available	Not Available
R77	0	Resistor	0603	Not Available	Not Available
R78	Not Mount	Resistor	0603	Not Available	Not Available
R79	0	Resistor	0603	Not Available	Not Available
R80	10K	Resistor	0603	Not Available	Not Available
R81	4k7	Resistor	0603	Not Available	Not Available
R86	Not Mount	Resistor	0603	Not Available	Not Available
R87	75	Resistor	0603	Not Available	Not Available
R146	Not Mount	Resistor	0603	Not Available	Not Available
R204	10K	Resistor	0603	Not Available	Not Available
R209	Not Mount	Resistor	0603	Not Available	Not Available
R273	Not Mount	Resistor	1206	Not Available	Not Available
R325	330	Resistor	0603	Not Available	Not Available
R326	3K6	Resistor	0603	Not Available	Not Available
S1	SCREW3	Metrical M3x10 screw	SCREW3	Not Available	Not Available
S2	SCREW3	Metrical M3x10 screw	SCREW3	Not Available	Not Available
S3	SCREW3	Metrical M3x10 screw	SCREW3	Not Available	Not Available
S4	SCREW3	Metrical M3x10 screw	SCREW3	Not Available	Not Available
TP1	Not Mount	Test Point	JUMP1	Not Available	Not Available
TP2	Not Mount	Test Point	JUMP1	Not Available	Not Available
TP3	Not Mount	Test Point	JUMP1	Not Available	Not Available
TP4	Not Mount	Test Point	JUMP1	Not Available	Not Available
TP7	Not Mount	Test Point	JUMP1	Not Available	Not Available
TP8	Not Mount	Test Point	JUMP1	Not Available	Not Available
TP10	Not Mount	Test Point	JUMP1	Not Available	Not Available
TP146	Not Mount	Test Point	JUMP1	Not Available	Not Available
TP147	Not Mount	Test Point	JUMP1	Not Available	Not Available
U1	SN74AHCT1G08	Single 2-input positive	DBV(R-PDSO-G5)	Not Available	Texas Instruments
U2	TPS54610PWP	Adjustable output, 3V	PWP(R-PDSO-G28)	Not Available	Texas Instruments
U4	SN74AHCT1G08	Single 2-input positive	DBV(R-PDSO-G5)	Not Available	Texas Instruments
U5	ADT75	+/-2 C ° accurate, 12-b	uSOP8	Not Available	Analog Devices
U6	DS2703	SHA-1 Battery Pack A	usop8	Not Available	MAXIM
U7	LTC1625CS	No Rsense Current M	SO-16	Not Available	Linear Technology
U13	Not Mount	high voltage, 1.5A, 50	TSSOP16_FE	Not Available	Linear Technology
U16	TPS54614PWP	1.8V 6A fixed output,	PWP(R-PDSO-G28)	Not Available	Texas Instruments
U17	TPS54616PWP	3.3V 6A fixed output,	PWP(R-PDSO-G28)	Not Available	Texas Instruments
U34	TPS54615PWP	2.5V 6A fixed output,	PWP(R-PDSO-G28)	Not Available	Texas Instruments
U50	LM317MDT	500 mA adjustable vo	TO-252	Not Available	National semiconduct
Z1	PASSERMARK	Reference point for P	REF	Not Available	Not available
Z2	PASSERMARK	Reference point for P	REF	Not Available	Not available
Z3	PASSERMARK	Reference point for P	REF	Not Available	Not available
Z4	PASSERMARK	Reference point for P	REF	Not Available	Not available

Ordering Information
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
GRM32ER60J107ME20L
GRM32ER60J107ME20L
Not Available
Not Available
Not Available
Not Available
Not Available
GRM32ER60J107ME20L
GRM32ER60J107ME20L
Not Available
Not Available
GRM32ER60J107ME20L
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
GRM32ER60J107ME20L
GRM32ER72A225KAL
GRM32ER60J107ME20L
Not Available
B45197-A107-M506
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
GRM32ER60J107ME20L
Not Available
GRM32ER60J107ME20L
Not Available
Not Available
Not Available
GRM32ER60J107ME20L
GRM32ER60J107ME20L

GRM32ER60J107ME20L
Not Available
Not Available
Not Available
GRM32ER60J107ME20L
GRM32ER60J107ME20L
Not Available
GRM32ER60J107ME20L
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
MBRS360T3
1PS76SB10/T1
Philips
HSMG-C650
HSMG-C650
HSMG-C650
MBRS360T3
MBRS360T3
MBR130T1
HSMG-C650
HSMG-C650
HSMG-C650
HSMG-C650
HSMG-C650
HSMG-C650
MBRS360T3
MBRS360T3
MBRS360T3
SML4739
1SMA5927BT3x
Not Available
DO5010
UP4B-100
DT3316-682
DT3316-103
DT1608-473-47
DT1608-473-47
DT3316
DT1608-103
DT3316
DT1608-103
DT3316

[illegible]

Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
Not Available
SN74AHCT1G08DBV
TPS54610PWP
SN74AHCT1G08DBV
ADT75BMRZ
DS2703U+
LTC1625CS
LT1956EFE
TPS54614PWP
TPS54616PWP
TPS54615PWP
LM317MDT
Not Available
Not Available
Not Available
Not Available