



















HV MC+ HV BATTERY+ HU MC-R51_U_HV Sense1 R47_U_HWR456entsetWR55entsetWR56entletUV 4_U_H.W.455e_Nbs.d-1200,455e_Nbs.d-1200,457e_Nbs.d Sense1 C(4()) ^{ပူ 6} ဝဝဝဝ ·400400> 00000 ★ C22 ******* PDOC 1 • 60 CBC (1) PDOC TEMP AMP OUT TP1 000 000 000 000

PRIMARY INTERFACE HV IMD+ HV IMD+ HV IMD+

C omment	Description	Designator	Footprint	LibRef
0mm		OVISO TP, 5VISO	SMD Test Point	SMD Test Point
2.54mm		AMS By pass1, IMD	TH 2.54mm Header	TH 2.54mm Header
2.54mm		BOOT1	TH 2.54mm Header:	
10nF		C1, C4	1206	G C M 3195C 2A 103JA
100nF		C2, C3, C6, C8, C16	0805	GCM21BR71E104KA
10uF		C5, C7, C14, C18, C	0805	GRM 21 BR6YA 106KE
22pF		C 9, C 19, C 20, C 40, C		G C M 21B5C1H220JA
100pF		C 10, C 11, C 12, C 13	0805	G C M 21B5C1H101JA
22uF		C 15, C 27	1206	C C 1206MKX5R7BB2
68uF		C21	2924	TA JV 686K035RNJ
22uF		C22	2924	TA JV 226K050RNJ
10nF		C 31_U_HV Sense1		GCM21BR71H103KA
1uF		C 42, C44, C45	0805	G C M 21BR71A 105KA
22uF		C49	0805	GRM 21 BR61A 226MB
Blue	LE D BLUE CLEAR 20	CAN RX INDC 1, CAN		SML-MN2BCTT86C
56R		CAN TERM R1, CAN	0805	RC 0805FR0756RL
SD560BTR		D1, D2, D4, D6, D8,		SD560BTR
O range	O range LE D I ndicat		0805 LED	SML-211DTT86
Green	Green LED Indicatio		0805 LED	SML-210FTT86
Red	RedLED Indication-			SML-210LTT86
OZCF0100AF2A	PTC RESET FUSE 60		2920	OZCF0100AF2A
39300020		HV BATTERY-, HV BA		39300020
V 23105A5475A201	5 V DPDT Relay 3A 22		T12-DIL	V 23105A5475A201
12uH		L1	1812	RLS-126
39300060		P1	39300060	39300060
USB4085-GF-A	USB-C (Type-C)U		U SB4085-GF-A	USB4085-GF-A
10K (NTC) (B25/85	3430K)	PCB NTC1	0805	NTCS0805E3103FLT
2.54mm		PDOC NTC1		TH 2.54mm Header
39300200		PRIMARY INTERFACE		39300200
2N7002K	60V 380mA , N F E T		SOT-343_N	2N 7002K
STD70N10F4	N-C hannel 100V 60		SOT-343_N	STD70N10F4
OR .		R1	0805	RC 0805FR070RL
680R		R2, R10, R18, R27, R		RC 0805FR07680RL
510R		R3, R55, R56	0805	RC 0805FR07510RL
20k		R4,R7,R8,R9,R12,		RC 0805FR0720KL
10k		R5, R20, R53_U_HV		RC 0805FR0710KL
1.5k		R6, R13, R15, R22, R		RC 0805FR071K5L
1k	-	R11, R14, R16, R17	B TO -263	PWR263S-35-1001J
10M		R21	0805	RC 0805FR0710ML
10R	ļ	R23, R32, R33, R34,		RC 0805FR0710RL
20R		R41, R61	0805	RC 0805FR0720RL
330K 10K (V ar)		R44_U_HV Sense1 R48_U_HV Sense1		MM A 02040C 3303FB 3296W-1-103LF
5.6k	-	R48_U_HV Sense1		RC 0805 FR075K6L
5.6K		R49_U_HV Sense1		MM A 02040C 1002FB
10K 30k				
2k		R52_U_HV Sense1 R62	0805	RC 0805FR0730KL RC 0805FR072KL
2k 5.1k		R62 R63, R70, R71, R72	0805	RC 0805FR072KL
3k		R73	0805	RC 0805FR073KL
2.54mm	-	SERIAL1	TH 2.54mm Header	
2.54mm		STUNK1	TH 2.54mm Header	
A DM3053	I solated C A N Transo		A D SOIC-W 20	A DM3053
B82787C0104H002	100µH @ 100kHz2L		TDK 4PC Pad	B82787C0104H002
NUP2105L	DualLine C A N Bus F		O N SOT-23 BJT	NUP2106L
R-78C5.0-1.0	CONV DC/DC 1A 5V		RECOM 3-SIP	R-78C5.0-1.0
JTC 0424S05 A DUM3221ARZ	DC DC CONVERTER 4A Gate Driver Mag		24-D IP Module, 7 La AD 8-SO IC	A DUM3221ARZ
1 T V 0175 T A 1	25V 50ma Ontocour		ON 4 SMD	A DUNI322 IARZ

35V 50ma O ptocoup U9, U11, U14, U24 RELA Y REED HV SP U10 General Purpose Dic U16 ON 4-SMD C1 SPST

AD 16-SO IC

LTV -817S-TA1 3350-1275-056

A DuM1400

LTV-817S-TA1 3350-1275-056 A DuM1400